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Exam : **PL-100J**

Title : Microsoft Power Platform
App Maker (PL-
100日本語版)

Vendor : Microsoft

Version : DEMO

QUESTION NO: 1

タイムトラッキングアプリでユーザーの問題を解決する必要があります。

どの2つのアクションを実行する必要がありますか？それぞれの正解は、解決策の一部を示しています。

注：正しい選択はそれぞれ1ポイントの価値があります。

A. 合計時間を追跡するためのコンポーネントを時間追跡画面に追加します。

B. タイムトラッキングアプリのコンポーネントライブラリ内に新しいコンポーネントを作成します。

C. コンポーネントをAppSourceにアップロードします。

D. [合計時間]フィールドを画面に追加し、フィールドプロパティの値を[ロールアップ]に設定します

Answer: A B

Explanation:

Scenario Issue: Users want to be able to see their weekly total time entered from all screens.

A component library provides a centralized and managed repository of components for reusability.

Reference:

<https://docs.microsoft.com/en-us/powerapps/maker/canvas-apps/component-library>

Topic 1, Contoso, Ltd

This is a case study. Case studies are not timed separately. You can use as much exam time as you would like to complete each case. However, there may be additional case studies and sections on this exam. You must manage your time to ensure that you are able to complete all questions included on this exam in the time provided.

To answer the questions included in a case study, you will need to reference information that is provided in the case study. Case studies might contain exhibits and other resources that provide more information about the scenario that is described in the case study. Each question is independent of the other questions in this case study.

At the end of this case study, a review screen will appear. This screen allows you to review your answers and to make changes before you move to the next section of the exam. After you begin a new section, you cannot return to this section.

To start the case study

To display the first question in this case study, click the Next button. Use the buttons in the left pane to explore the content of the case study before you answer the questions. Clicking these buttons displays information such as business requirements, existing environment, and problem statements. When you are ready to answer a question, click the Question button to return to the question.

Background

Current environment

Overview

Operations for the company are managed very informally. Only a small number of long-term employees are aware of all manufacturing processes.

Accounting system and purchasing

* The company has a cloud-based ERP/accounting system and uses the General Ledger, Accounts Receivable, and Accounts Payable modules. The current system does not have any modules that handle shop floor or manufacturing planning functionality.

- * Employee information is maintained only within the accounting system. Access to the information is strictly controlled due to privacy regulations and company policies.
- * All purchasing of raw materials is performed based on bills of material (BOMs) generated by the engineering department when engineering prints are created.
- * The corporate office uses Dynamics 365 Finance. The operations manager reports that Dynamics 365 Finance will not be implemented for the manufacturing plants for at least five years.

Manufacturing and planning

- * The plant that Contoso, Ltd. acquires uses Microsoft Excel workbooks and Microsoft Word documents to track the sales pipeline, requests for quote responses, and work estimates. The documents are stored on shared network drives.
- * Printed engineering drawings are sometimes accidentally used across orders. This results in rework, cost over runs, and missed deliveries.
- * The company uses Job Traveler documents to detail the operations that need to be performed and the materials needed for a given job number.

Sales

- * Requests for quotes are currently stored in a Sales Log workbook. The workbook includes the following information:
 - * Customer request number
 - * Customer name
 - * Description
 - * Estimated value of the sale
 - * Status of the Request for Quote (RFQ) with the values of Won, Lost, No Bid, and Cancelled
 - * Names of the sales manager, salesperson, and estimator
 - * Name of the product line
 - * Date the quote was sent to the customer
 - * Approximate start and finish dates of the project
 - * Date the order was received, if won
 - * Job number, which is assigned if won
- * The company has a formal process in place for managing estimates. Some sales quotes lack required supporting documentation including estimates for labor and materials even though a formal process is in place. The company wants to incorporate the formal process as part of an app.
- * Salespeople often do not set status of RFQs in the Sales Log to Won when a sale is closed and the customer purchase order is received.
- * An accurate sales pipeline and win/loss information cannot currently be reported because the close probability field in the Sales Log is being set to 100% when a sale is closed and 0% when a sale is lost.
- * Setting up a folder system on the network drive by a customer had not improved the hand-off of the current version of the sales quote to manufacturing.

Requirements

Solution

You plan to create a solution that uses Microsoft Teams and Power Platform.

You must convert the Sales Log workbook to a Common Data Service database.

Each department will have a separate Teams channel. Employees must only be able to

access the channel for their department. All employees and management will have read access to a general company channel. The Teams site must include the following channels:

Sales

- * The Sales dashboard must reside in the Sales channel and must include information about active quotes, sales pipeline, and year-to-date sales KPIs for sales quotas by region.

- * All Sales-related documents must be stored in folders in the files location for this channel. Document versioning will be enabled. You must store the 10 most recent versions of a document.

Manufacturing

- * A dashboard that shows a capacity Heat map by month as well as expected sales that are likely to close for the next month.

- * A sortable listing of all in-process jobs from the Job Setup table, by customer, start date, and product.

- * Printed paper drawings must no longer be used. The drawings must be stored in folders in the files location for the manufacturing channel.

General

You must create the following apps:

Time Tracking

You must create a canvas app to track time for each employee on mobile devices. The app must include the following:

- * a Sign-in screen

- * a screen to list the week's time entries for the employee

- * a screen to edit current time entries for the employee

The app must meet the following requirements:

- * The app must store its data in the existing on-premises Microsoft SQL Server instance.

- * Employees must only be able to access their own time tracking records from the app.

- * Employees must record all time spent in the fabrication of each customer job.

- * Employees must only be able to modify time records for the current and previous day.

- * Employees must be able to scan their badges to check in and out of work. Each badge contains the employee name and a current picture.

- * A QR code must be added to all employee badges. The code must include the employee's number.

- * Job Traveler documents must be printed as PDF documents and must include UPC E barcodes for the job number and task number. The barcodes will be used with the time tracking application.

Sales

The Sales app must meet the following requirements:

- * Provide a central location for all sales pipeline and quote information that is easily accessible and maintains all of the versions of the estimate, quote, and engineering documents.

- * Include a dashboard that shows all currently active quotes, their status in the sales cycle, the probability of closing, and estimated manufacturing and installation dates, by customer, product division, status, and salesperson.

- * The Sales Log app must enforce process standards related to the completion of estimates and supporting materials needed during the sales lifecycle.

- * Automatically perform the following actions immediately when a sale is won:
- * Generate a sequential job number.
- * Copy key sales information to the Job Setup entity used by manufacturing.
- * If the sale is lost, the Status field must be set to Lost and the reason for the loss must be entered into a provided text field. The reason must be added to the end of the description field.
- * Ensure that employees can easily update the Sales Log even if they are at a customer site.

Manufacturing and planning

The app must meet the following requirements:

- * Provides features to plan and predict capacity resource requirements for current and upcoming orders in the pipeline.
- * Replace paper timesheets and track check-in, check-out, breaks, and the time spent on each job task.
- * Record time elapsed while performing work and for viewing of engineering drawings.
- * The Job Setup entity must store its data in the existing on-premises SQL Server instance.
- * Job Traveler documents must be generated as a PDF document and printed from the Job Setup entity.

Issues

- * Uses report that the customer request number is difficult to interpret. They request that you change the number to a system generated sequential number.
- * The operations manager reports that users often incorrectly sign in to the time tracking app. The operations manager asks that the time tracking app display the employee's photo once they have scanned their badge.
- * Users want to be able to see their weekly total time entered from all screens.
- * Testers report that they can see time entries in the Time Tracker app, not just their own. Additionally, they can also edit any existing time entries.

QUESTION NO: 2

ソリューション資産を作成する必要があります。

ビジュアライゼーションを作成するには何を使用する必要がありますか？回答するには、回答領域で適切なオプションを選択します。

注：正しい選択はそれぞれ1ポイントの価値があります。

Dashboard visualization

Tool

Sales

▼
Power BI Desktop only
Power BI Service only
Power BI Desktop or Power BI Service

Manufacturing

▼
Power BI Desktop only
Power BI Service only
Power BI Desktop or Power BI Service

Answer:

Dashboard visualization	Tool
Sales	<div style="border: 1px solid black; padding: 2px;"> <div style="border-bottom: 1px solid black; padding: 2px;">▼</div> <div style="padding: 2px;">Power BI Desktop only</div> <div style="padding: 2px;">Power BI Service only</div> <div style="padding: 2px;">Power BI Desktop or Power BI Service</div> </div>
Manufacturing	<div style="border: 1px solid black; padding: 2px;"> <div style="border-bottom: 1px solid black; padding: 2px;">▼</div> <div style="padding: 2px;">Power BI Desktop only</div> <div style="padding: 2px;">Power BI Service only</div> <div style="padding: 2px;">Power BI Desktop or Power BI Service</div> </div>

Explanation:

Dashboard visualization	Tool
Sales	<div style="border: 1px solid black; padding: 2px;"> <div style="border-bottom: 1px solid black; padding: 2px;">▼</div> <div style="padding: 2px; background-color: #e0e0e0;">Power BI Desktop only</div> <div style="padding: 2px;">Power BI Service only</div> <div style="padding: 2px;">Power BI Desktop or Power BI Service</div> </div>
Manufacturing	<div style="border: 1px solid black; padding: 2px;"> <div style="border-bottom: 1px solid black; padding: 2px;">▼</div> <div style="padding: 2px;">Power BI Desktop only</div> <div style="padding: 2px;">Power BI Service only</div> <div style="padding: 2px; background-color: #e0e0e0;">Power BI Desktop or Power BI Service</div> </div>

Box 1: PowerBI Desktop

The Sales dashboard must reside in the Sales channel and must include information about active quotes, sales pipeline, and year-to-date sales KPIs for sales quotas by region.

PowerBI Desktop to support many data source.

Box 2: PowerBI Desktop or Power BI Service on

A dashboard that shows a capacity Heat map by month as well as expected sales that are likely to close for the next month.

Both support visualizations.

Reference:

<https://docs.microsoft.com/en-us/power-bi/fundamentals/service-service-vs-desktop>

QUESTION NO: 3

運用管理者から要求された変更を実装する必要があります。

どのコントロールを使用する必要がありますか？

BF70D5D

- A.カメラ
- B.形状
- C.画像を追加
- D.画像

Answer: D

Explanation:

Scenario: The operations manager asks that the time tracking app display the employee's photo once they have scanned their badge.

Image control in Power Apps is a control that shows an image from, for example, a local file or a data source.

Reference:

<https://docs.microsoft.com/en-us/powerapps/maker/canvas-apps/controls/control-image>

QUESTION NO: 4

タイムトラッキングアプリの要件を満たす必要があります。

どのコントロールを使用する必要がありますか？回答するには、回答領域で適切なオプションを選択します。

注：正しい選択はそれぞれ1ポイントの価値があります。

Requirement

Automatically record the duration of work when a job number is read.

Read the employee's number into the app.

Display a photo of an employee when the employee badge is read.

Solution

	▼
Card	
Rating	
Slider	
Timer	
	▼
Barcode-scanner	
Card	
Image	
Shape	
	▼
Camera	
Card	
Icon	
Image	

Answer:

Requirement

Automatically record the duration of work when a job number is read.

Read the employee's number into the app.

Display a photo of an employee when the employee badge is read.

Solution

	▼
Card	
Rating	
Slider	
Timer	
	▼
Barcode-scanner	
Card	
Image	
Shape	
	▼
Camera	
Card	
Icon	
Image	

Explanation:

Requirement
Automatically record the duration of work when a job number is read.
Read the employee's number into the app.
Display a photo of an employee when the employee badge is read.

Solution
▼
Card
Rating
Slider
Timer
▼
Barcode-scanner
Card
Image
Shape
▼
Camera
Card
Icon
Image

Box 1: Timer

A Timer control in Power Apps is a control that can determine how your app responds after a certain amount of time passes.

Box 2: Barcode scanner

The Barcode scanner control for canvas apps scans barcodes, QR codes, and data-matrix codes on an Android or iOS device.

Box 3: Image

Image control in Power Apps is a control that shows an image from, for example, a local file or a data source.

If you add one or more Image controls to your app, you can show individual images that aren't part of a data set, or you can incorporate images from records in data sources.

Reference:

<https://docs.microsoft.com/en-us/powerapps/maker/canvas-apps/controls/control-new-barcode-scanner>

<https://docs.microsoft.com/en-us/powerapps/maker/canvas-apps/controls/control-image>

QUESTION NO: 5

ソリューションの機能を実装する必要があります。

各機能にどのPowerPlatformコンポーネントを使用する必要がありますか？回答するには、回答領域で適切なオプションを選択します。

注：正しい選択はそれぞれ1ポイントの価値があります。

Feature	Component
Mobile app for Sales Log workbook	<div style="border: 1px solid gray; padding: 2px;">▼</div> <div style="border: 1px solid gray; padding: 2px;">Canvas app</div> <div style="border: 1px solid gray; padding: 2px;">Model-driven app</div> <div style="border: 1px solid gray; padding: 2px;">Power Virtual Agents chatbot</div>
Embed KPIs for sales quotas by region	<div style="border: 1px solid gray; padding: 2px;">▼</div> <div style="border: 1px solid gray; padding: 2px;">Content Pack</div> <div style="border: 1px solid gray; padding: 2px;">Power BI Desktop</div> <div style="border: 1px solid gray; padding: 2px;">Power BI service</div>
Transfer of key sales information to the Job Setup entity	<div style="border: 1px solid gray; padding: 2px;">▼</div> <div style="border: 1px solid gray; padding: 2px;">Power Automate</div> <div style="border: 1px solid gray; padding: 2px;">Business process flow</div> <div style="border: 1px solid gray; padding: 2px;">Power Virtual Agents</div>

Answer:

Feature	Component
Mobile app for Sales Log workbook	<div style="border: 1px solid gray; padding: 2px;">▼</div> <div style="border: 1px solid gray; padding: 2px;">Canvas app</div> <div style="border: 1px solid gray; padding: 2px;">Model-driven app</div> <div style="border: 1px solid gray; padding: 2px;">Power Virtual Agents chatbot</div>
Embed KPIs for sales quotas by region	<div style="border: 1px solid gray; padding: 2px;">▼</div> <div style="border: 1px solid gray; padding: 2px;">Content Pack</div> <div style="border: 1px solid gray; padding: 2px;">Power BI Desktop</div> <div style="border: 1px solid gray; padding: 2px;">Power BI service</div>
Transfer of key sales information to the Job Setup entity	<div style="border: 1px solid gray; padding: 2px;">▼</div> <div style="border: 1px solid gray; padding: 2px;">Power Automate</div> <div style="border: 1px solid gray; padding: 2px;">Business process flow</div> <div style="border: 1px solid gray; padding: 2px;">Power Virtual Agents</div>

Explanation:

Graphical user interface, text, application, email Description automatically generated

Feature	Component
Mobile app for Sales Log workbook	<div style="border: 1px solid black; padding: 2px;"> <div style="background-color: #f0f0f0; padding: 2px; text-align: right;">▼</div> <div style="padding: 2px;"> Canvas app Model-driven app Power Virtual Agents chatbot </div> </div>
Embed KPIs for sales quotas by region	<div style="border: 1px solid black; padding: 2px;"> <div style="background-color: #f0f0f0; padding: 2px; text-align: right;">▼</div> <div style="padding: 2px;"> Content Pack Power BI Desktop Power BI service </div> </div>
Transfer of key sales information to the Job Setup entity	<div style="border: 1px solid black; padding: 2px;"> <div style="background-color: #f0f0f0; padding: 2px; text-align: right;">▼</div> <div style="padding: 2px;"> Power Automate Business process flow Power Virtual Agents </div> </div>

Box 1: Model-driven app

The Sales app must meet the following requirements:

* Provide a central location for all sales pipeline and quote information that is easily accessible and maintains all of the versions of the estimate, quote, and engineering documents.

Compared to canvas apps, model-driven apps in PowerApps are based on underlying data - specifically, the data stored in Common Data Service (CDS).

Box 2: Power BI Desktop

You can create a KPI in Power BI Desktop.

- * Open your report editor in Power BI Desktop then select a report on which you are working.
- * On your right, you will see a Visualizations pane and a Fields pane.
- * From the Visualizations pane, select the KPI visual.
- * Etc.

Box 3: Power Automate

QUESTION NO: 6

販売要件を満たすようにシステムを構成する必要があります。

あなたは何をすべきか？回答するには、回答領域で適切なオプションを選択します。

注：正しい選択はそれぞれ1ポイントの価値があります。

Requirement	Action
Ensure that work estimates are complete before entering estimated sales values into the Sales Log.	<div style="border: 1px solid black; padding: 2px;"> <div style="background-color: #f0f0f0; padding: 2px; text-align: right;">▼</div> <div style="padding: 2px;"> Use a Business Process flow Use a UI flow </div> </div>
Prevent modification of timesheet entries by an employee.	<div style="border: 1px solid black; padding: 2px;"> <div style="background-color: #f0f0f0; padding: 2px; text-align: right;">▼</div> <div style="padding: 2px;"> Add a custom control to the Business Process flow Use a formula to set the DisplayMode property Use a business rule </div> </div>

Answer:

Requirement	Action
Ensure that work estimates are complete before entering estimated sales values into the Sales Log.	<div style="border: 1px solid gray; padding: 2px;"> <div style="text-align: right; border-bottom: 1px solid gray;">▼</div> <div style="padding: 2px;">Use a Business Process flow</div> <div style="padding: 2px;">Use a UI flow</div> </div>
Prevent modification of timesheet entries by an employee.	<div style="border: 1px solid gray; padding: 2px;"> <div style="text-align: right; border-bottom: 1px solid gray;">▼</div> <div style="padding: 2px;">Add a custom control to the Business Process flow</div> <div style="padding: 2px;">Use a formula to set the DisplayMode property</div> <div style="padding: 2px;">Use a business rule</div> </div>

Explanation:

Graphical user interface, application Description automatically generated

Requirement	Action
Ensure that work estimates are complete before entering estimated sales values into the Sales Log.	<div style="border: 1px solid gray; padding: 2px;"> <div style="text-align: right; border-bottom: 1px solid gray;">▼</div> <div style="padding: 2px;">Use a Business Process flow</div> <div style="padding: 2px;">Use a UI flow</div> </div>
Prevent modification of timesheet entries by an employee.	<div style="border: 1px solid gray; padding: 2px;"> <div style="text-align: right; border-bottom: 1px solid gray;">▼</div> <div style="padding: 2px;">Add a custom control to the Business Process flow</div> <div style="padding: 2px;">Use a formula to set the DisplayMode property</div> <div style="padding: 2px;">Use a business rule</div> </div>

Box 1: Use a Business Process flow

Scenario: The Sales Log app must enforce process standards related to the completion of estimates and supporting materials needed during the sales lifecycle.

Box 2: Use a formula to set the DisplayMode property

DisplayMode - The mode to use for data cards and controls within the form control.

Derived from the Mode property based and cannot be set independently:

Graphical user interface, text, application, email Description automatically generated

Mode	DisplayMode	Description
FormMode.Edit	DisplayMode.Edit	Data cards and controls are editable, ready to accept changes to a record.
FormMode.New	DisplayMode.Edit	Data cards and controls are editable, ready to accept a new record.
FormMode.View	DisplayMode.View	Data cards and controls are not editable and optimized for viewing.

Reference:

<https://docs.microsoft.com/en-us/powerapps/maker/canvas-apps/controls/control-form-detail>

QUESTION NO: 7

顧客要求番号の問題を解決するには、エンティティ フォームを変更する必要があります。あなたは何をすべきか？

- A. 計算フィールドを使用する
- B. 顧客要求番号フィールドのデータ型をルックアップに変更します。
- C. 顧客要求番号フィールドのデータ型を自動番号に変更します。

Answer: C

Explanation:

Scenario: Users report that the customer request number is difficult to interpret. They request that you change the number to a system generated sequential number.

Autonumber columns are columns that automatically generate alphanumeric strings whenever they are created.

Reference:

<https://docs.microsoft.com/en-us/powerapps/maker/data-platform/autonumber-fields>

QUESTION NO: 8

SalesLogからJobSetupエンティティにデータを移動するためのフローを作成する必要があります。

どのタイプのフローを使用する必要がありますか？

- A. JobSetupエンティティのスケジュールされたフロー
- B. 販売ログのインスタント（ボタン）フロー
- C. JobSetupエンティティのビジネスプロセスフロー
- D. 販売ログの自動フロー

Answer: A

Explanation:

Scenario: Automatically perform the following actions immediately when a sale is won:

* Generate a sequential job number.

* Copy key sales information to the Job Setup entity used by manufacturing.

QUESTION NO: 9

要件を満たすようにシステムを構成する必要があります。

何を使うべきですか？回答するには、回答領域で適切なオプションを選択します。

注：正しい選択はそれぞれ1ポイントの価値があります。

Feature	Setting
Create the relationship between the Job Setup and Time Tracking entities.	<div style="border: 1px solid black; padding: 2px;"> <div style="text-align: right; font-size: small;">▼</div> <p>1:N</p> <p>N:N</p> <p>Self-referential</p> </div>
Configure ownership for the Time Tracking entity.	<div style="border: 1px solid black; padding: 2px;"> <div style="text-align: right; font-size: small;">▼</div> <p>Business-owned</p> <p>Organization-owned</p> <p>User or Team owned</p> </div>

Answer:

Feature	Setting
Create the relationship between the Job Setup and Time Tracking entities.	<div style="border: 1px solid black; padding: 2px;"> <div style="text-align: right; font-size: small;">▼</div> <p>1:N</p> <p>N:N</p> <p>Self-referential</p> </div>
Configure ownership for the Time Tracking entity.	<div style="border: 1px solid black; padding: 2px;"> <div style="text-align: right; font-size: small;">▼</div> <p>Business-owned</p> <p>Organization-owned</p> <p>User or Team owned</p> </div>

Explanation:

Feature
Create the relationship between the Job Setup and Time Tracking entities.

Configure ownership for the Time Tracking entity.

Setting	
	▼
1:N	
N:N	
Self-referential	
	▼
Business-owned	
Organization-owned	
User or Team owned	

Box 1: 1:N

Scenario: A sortable listing of all in-process jobs from the Job Setup table, by customer, start date, and product.

Box 2: User or Team owned

Scenario: Employees must only be able to access their own time tracking records from the app.

User or team: Data belongs to a user or a team. Actions that can be performed on these records can be controlled on a user level.

Reference:

<https://docs.microsoft.com/en-us/powerapps/maker/common-data-service/types-of-entities>

QUESTION NO: 10

あなたは失われた売上のためにアプリにロジックを実装する必要があります。

あなたは何をするべきか？

- A. ビジネスプロセスフローを作成します。
- B. 販売ログ編集フォームのビジネスルールを定義します。
- C. Won / LostフィールドのrequiredfieldプロパティをRequiredに設定します。
- D. 更新機能を使用する[説明]フィールドの式を作成します。

Answer: B

Explanation:

Scenario: Requests for quotes are currently stored in a Sales Log workbook. The workbook includes the following information:

* Status of the Request for Quote (RFQ) with the values of Won, Lost, No Bid, and Cancelled
Salespeople often do not set status of RFQs in the Sales Log to Won when a sale is closed and the customer purchase order is received.

You can create business rules and recommendations to apply logic and validations without writing code or creating plug-ins. Business rules provide a simple interface to implement and maintain fast-changing and commonly used rules.

Business rules defined for an entity apply to both canvas apps and model-driven apps if the entity is used in the app.

Reference:

<https://docs.microsoft.com/en-us/powerapps/maker/common-data-service/data-platform-create-business-rule>

QUESTION NO: 11

テスト中に見つかった問題を解決する必要があります。

どのオプションを使用する必要がありますか？回答するには、回答領域で適切なオプション

を選択します。

注：正しい選択はそれぞれ1ポイントの価値があります。

Issue

Option

Testers see all time entries.

	▼
Hierarchical security	
Security group	
Security role	

Testers are able to edit existing time entries.

	▼
Control property	
Field-level security	
Security role	

Managers cannot see required information.

	▼
Access team template	
Field-level security	
Hierarchical security	

Answer:

Issue

Option

Testers see all time entries.

	▼
Hierarchical security	
Security group	
Security role	

Testers are able to edit existing time entries.

	▼
Control property	
Field-level security	
Security role	

Managers cannot see required information.

	▼
Access team template	
Field-level security	
Hierarchical security	

Explanation:

Graphical user interface, text, application, email Description automatically generated

Issue

Option

Testers see all time entries.

	▼
Hierarchical security	
Security group	
Security role	

Testers are able to edit existing time entries.

	▼
Control property	
Field-level security	
Security role	

Managers cannot see required information.

	▼
Access team template	
Field-level security	
Hierarchical security	

Box 1: Security role

Scenario: Employees must only be able to access their own time tracking records from the app.

Testers report that they can see time entries in the Time Tracker app, not just their own.

Box 2: Field-level security

Scenario: Employees must only be able to modify time records for the current and previous day.

Testers report that they can edit any existing time entries.

Box 3: Hierarchical security

You use field security tables to apply field-level security, which restricts field access to specified users and teams.

QUESTION NO: 12

JobSetupアプリのデータソースに接続する必要があります。

あなたは何をすべきか？

- A.Common DataServiceデータベースとのスケジュールされた同期を構成します
- B.SQLServerデータベースのアクセス許可を構成します
- C.特定の従業員の時間レコードを取得するストアードプロシージャを作成します
- D.オンプレミスデータゲートウェイを構成します

Answer: D

Explanation:

Scenario: The Job Setup entity must store its data in the existing on-premises SQL Server instance.

The on-premises data gateway acts as a bridge to provide quick and secure data transfer

between onpremises data (data that isn't in the cloud) and several Microsoft cloud services. These cloud services include Power BI, Power Apps, Power Automate, Azure Analysis Services, and Azure Logic Apps. By using a gateway, organizations can keep databases and other data sources on their on-premises networks, yet securely use that on-premises data in cloud services.

Reference:

<https://docs.microsoft.com/en-us/powerapps/maker/canvas-apps/gateway-reference>

Topic 2, Wide World Importers

This is a case study. Case studies are not timed separately. You can use as much exam time as you would like to complete each case. However, there may be additional case studies and sections on this exam. You must manage your time to ensure that you are able to complete all questions included on this exam in the time provided.

To answer the questions included in a case study, you will need to reference information that is provided in the case study. Case studies might contain exhibits and other resources that provide more information about the scenario that is described in the case study. Each question is independent of the other questions in this case study.

At the end of this case study, a review screen will appear. This screen allows you to review your answers and to make changes before you move to the next section of the exam. After you begin a new section, you cannot return to this section.

To start the case study

To display the first question in this case study, click the Next button. Use the buttons in the left pane to explore the content of the case study before you answer the questions. Clicking these buttons displays information such as business requirements, existing environment, and problem statements. When you are ready to answer a question, click the Question button to return to the question.

Background

Current environment

Sales representatives submit weekly status reports to regional managers. There is no standardized format for these status reports. The process for managing status reports is challenging.

Wide World Importers has decided to use Microsoft 365, Microsoft Azure, and Power Platform for future app development. Both Wide World Importers and Tailwind Traders have identical Microsoft SharePoint and Azure configurations. Both companies use separate tenants.

Requirements

Application

You must create a mobile app to streamline the creation of status reports by sales representatives. You must make the same app available to Tailwind Traders. The mobile app must meet the following requirements:

- * Minimize the use of code.
- * Use formulas and expressions when necessary.
- * Support a variety of visual layouts.
- * Use a SharePoint list to store information about regional managers and sales representatives.
- * Use Azure SQL Database to store other data.

Status reports

Sales representatives must provide a weekly status report for all work processes each Monday.

Representatives must enter the following information for each process:

Information type	Values
Category	Pipelines, Work/life balance, Coaching/Mentoring, or Communications
Status	At Risk, Acceptable, or Great
Notes	Notes as appropriate

* If a sales representative submits a status report and assigns the At Risk status to a process, the app must prompt the sales representative to enter a detailed description for the risk. This information must be emailed to the regional manager. If the category is Work/life balance, the information must be carbon copied to the human resources department.

* If a sales representative does not submit a weekly status report by an agreed upon deadline, the system must send an email to remind the sales representative.

* The app must be able to run both online and offline. If the mobile device on which the app runs is connected to the internet, the app must immediately submit the status report.

* You must display a visual indicator in the app so that sales representatives know whether the app is offline before submitting reports.

* When data is submitted offline, the data must be stored in the app until the app is back online.

Technical

Regardless of the UI layouts, the data recorded must be standardized in the Azure DB tables. You must use global variables in the app.

Deployment

* Before deploying the app to production, you must ensure that the app conforms to Microsoft accessibility and performance guidelines.

* The completed app and all supporting components must be provided to Tailwind Traders.

* Tailwind Traders must not be able to make changes to any of the components.

- * You must use the following version control numbering scheme:
- * Major: The last two digits of the year the app is packaged
- * Minor: Two digits that represent the month when the app is packaged
- * Build: A number that is incremented to represent significant changes to the app
- * Revision: The incremented revision for a package
- * New versions of the application must completely replace previous versions of the app.
- * When identifying versions of the app solution, all dependencies, entities, and user interfaces components must be identified to avoid any unintentional issues caused by reverting individual components to a previous version.
- * Previous versions of the mobile app must be available for roll back purposes.
- * All versions of software that have been used in production must be retained for five years.

Issues

The mobile app has been live for several months. Eight versions of the app have been released since the initial version of the app was deployed to sales representatives. You must revert the app to an earlier version and redesign some features.

User1 often works in a warehouse that does not have internet connectivity. User1 needs to edit an existing status report and submit a new status report.

Several sales representatives have accessibility restrictions. User2 is visually impaired and cannot see images.

User3 is unable to use a mouse.

QUESTION NO: 13

モバイルアプリを作成する必要があります。

どのタイプのアプリを作成する必要がありますか？

- A.モデル駆動型アプリ
- B.ポータルアプリ
- C.Microsoft 365Webアプリ
- D.キャンバスアプリ

Answer: D

Explanation:

An accessible canvas app will allow users with vision, hearing, and other impairments to successfully use the app. In addition to being a requirement for many governments and organizations, following the below guidelines increases usability for all users, regardless of their abilities.

Reference:

<https://docs.microsoft.com/en-us/powerapps/maker/canvas-apps/accessible-apps>

QUESTION NO: 14

ステータスレポートを送信するための機能を構成する必要があります。

あなたは何をすべきか？

- A.ユーザーが送信ボタンを選択してSec () 関数を呼び出したときに、アプリケーションがオフラインであるかどうかを判別します。
- B.アプリの読み込み時にアプリケーションがオフラインかどうかを確認します。OnSelectプロパティでSaveData () 関数を使用します。
- C.ユーザーが送信ボタンを選択してSaveData () 関数を呼び出したときに、アプリケーシ

オンがオフラインであるかどうかを判別します。

D.アプリの読み込み時にアプリケーションがオフラインかどうかを確認します。

[送信]ボタンのLoadData () 関数を使用します。

Answer: C

Explanation:

Scenario: The app must be able to run both online and offline. If the mobile device on which the app runs is connected to the internet, the app must immediately submit the status report. When data is submitted offline, the data must be stored in the app until the app is back online.

Mobile users often need to be productive even when they have limited or no connectivity. LoadData and SaveData combine to form a simple mechanism to store small amounts of data on a local device. By using these functions, you can add simple offline capabilities to your app.

The SaveData function stores a collection for later use under a name.

The LoadData function reloads a collection by name that was previously saved with SaveData. You can't use this function to load a collection from another source.

Reference:

<https://docs.microsoft.com/en-us/powerapps/maker/canvas-apps/functions/function-savedata-loaddata>

QUESTION NO: 15

アプリとソリューションの最初のバージョンを2020年11月1日に公開します。

アプリとソリューションのバージョン番号を作成する必要があります。

どのバージョン番号を使用する必要がありますか？回答するには、回答領域で適切なオプションを選択します。

注：正しい選択はそれぞれ1ポイントの価値があります。

Versions

- Version 1
- 1.0.0.0
- 1.20.11.1
- 20.11.1.1

Answer Area

Object	Version
Solution	Version
App	Version

Answer:

Versions

- Version 1
- 1.0.0.0
- 1.20.11.1
- 20.11.1.1

Answer Area

Object	Version
Solution	1.0.0.0
App	20.11.1.1

Explanation:

Object	Version
Solution	1.0.0.0
App	20.11.1.1

Box 1: 1.0.0.0

When identifying versions of the app solution, all dependencies, entities, and user interfaces components must be identified to avoid any unintentional issues caused by reverting individual components to a previous version.

A solution's version has the following format: major.minor.build.revision. An update must have a higher major, minor, build or revision number than the parent solution. For example, for a base solution version

3.1.5.7, a small update could be a version 3.1.5.8 or a slightly more significant update could have version

3.1.7.0. A substantially more significant update could be version 3.2.0.0.

Box 2: 20.11.1.1

Scenario:

* You must use the following version control numbering scheme:

- Major: The last two digits of the year the app is packaged
- Minor: Two digits that represent the month when the app is packaged
- Build: A number that is incremented to represent significant changes to the app
- Revision: The incremented revision for a package

New versions of the application must completely replace previous versions of the app.

Reference:

<https://docs.microsoft.com/en-us/powerapps/maker/common-data-service/update-solutions>

QUESTION NO: 16

アプリケーションのすべてのアプリコンポーネントをTailwindTradersに提供する必要があります。

あなたは何をするべきか？

- A. アプリケーションとフローコンポーネントを単一のソリューションにパッケージ化してエクスポートします。
- B. エクスポート用に各コンポーネントを公開する前に、アプリチェッカーとフローチェッカーを実行します。
- C. 各コンポーネントを個別にエクスポートしますが、各コンポーネントに同じバージョン番号を使用します。
- D. それぞれをエクスポートする前に、アプリケーションとフローソリューションを同時に公開します。

Answer: B

Explanation:

Scenario: When identifying versions of the app solution, all dependencies, entities, and user interfaces components must be identified to avoid any unintentional issues caused by reverting individual components to a previous version.

Power Apps has added components to the rule set that encourages best practices in the Power Apps Checker.

You can check your canvas apps and flows that are included in solutions and then review all issues in a single, consolidated report.

Reference:

<https://docs.microsoft.com/en-us/power-platform-release-plan/2019wave2/microsoft-powerapps/checker- includes-rules-canvas-apps-flows>

QUESTION NO: 17

必要なメールを地域マネージャーに送信するためのフローを作成する必要があります。

どのようにフローを作成する必要がありますか？回答するには、回答領域で適切なオプションを選択します。

注：正しい選択はそれぞれ1ポイントの価値があります。

Option

Type

Flow type to use

	▼
Instant	
Automated	
Business Process	
Scheduled	

Trigger to start flow

	▼
HTTP Webhook	
Power Apps	
Common Data Service when a record is created	
Office 365 Outlook Send an email	

Answer:

Option

Type

Flow type to use

	▼
Instant	
Automated	
Business Process	
Scheduled	

Trigger to start flow

	▼
HTTP Webhook	
Power Apps	
Common Data Service when a record is created	
Office 365 Outlook Send an email	

Explanation:

Graphical user interface, text, application, email Description automatically generated

Option**Type**

Flow type to use

	▼
Instant	
Automated	
Business Process	
Scheduled	

Trigger to start flow

	▼
HTTP Webhook	
Power Apps	
Common Data Service when a record is created	
Office 365 Outlook Send an email	

Box 1: Business Process

Scenario: If a sales representative submits a status report and assigns the At Risk status to a process, the app must prompt the sales representative to enter a detailed description for the risk. This information must be emailed to the regional manager.

Business process flows provide a guide for people to get work done. They provide a streamlined user experience that leads people through the processes their organization has defined for interactions that need to be advanced to a conclusion of some kind. This user experience can be tailored so that people with different security roles can have an experience that best suits the work they do.

Box 2: Common Data Service when a record is created

The Microsoft Dataverse (Common Data Service) connector provides the following triggers to help you define when your flows start:

- * When a row is created, updated, or deleted
- * When an action is performed
- * When a flow step is run from a business process flow

Reference:

<https://docs.microsoft.com/en-us/power-automate/flow-types>

<https://docs.microsoft.com/en-us/power-automate/dataverse/overview>

QUESTION NO: 18

TailwindTradersにアプリを提供する必要があります。

あなたは何をするべきか？

- A.[管理プロパティ]で、[カスタマイズを許可する]オプションの値をtrueに設定します。アプリをマネージドソリューションとしてエクスポートします。
- B.アプリの共有機能を使用します。
- C.[管理プロパティ]で、[カスタマイズを許可する]オプションの値をfalseに設定します。アプリをマネージドソリューションとしてエクスポートします。
- D.[管理プロパティ]で、[カスタマイズを許可する]オプションの値をfalseに設定します。アプ

りをアンマネージドソリューションとしてエクスポートします。

Answer: C

Explanation:

Scenario: The completed app and all supporting components must be provided to Tailwind Traders. Tailwind Traders must not be able to make changes to any of the components.

Managed Solution: A managed solution is a finalized solution that can be distributed and installed. They are created by exporting an unmanaged solution by setting restrictions to prevent any further customizations. The whole point of Managed is locking down the Component states so they cannot be edited. Deleting the Managed Solution will remove all its customisations as well as data contained. Managed Solutions become read only once deployed so they cannot be manipulated.

Reference:

<https://powerusers.microsoft.com/t5/Power-Apps-Pro-Dev-ISV/Managed-vs-Unmanaged/td-p/495685>

QUESTION NO: 19

要件を満たすようにアプリを構成する必要があります。

どのオブジェクトプロパティを構成する必要がありますか？回答するには、回答領域で適切なオプションを選択します。

注：正しい選択はそれぞれ1ポイントの価値があります。

Requirement	Property					
Provide a visual indicator when the app is offline.	<table border="1"> <tr><td>▼</td></tr> <tr><td>Visible</td></tr> <tr><td>OnSelect</td></tr> <tr><td>DisplayMode</td></tr> <tr><td>Fill</td></tr> </table>	▼	Visible	OnSelect	DisplayMode	Fill
▼						
Visible						
OnSelect						
DisplayMode						
Fill						
Store data when the app is offline.	<table border="1"> <tr><td>▼</td></tr> <tr><td>OnSelect</td></tr> <tr><td>LoadData</td></tr> <tr><td>SubmitForm</td></tr> <tr><td>Now</td></tr> </table>	▼	OnSelect	LoadData	SubmitForm	Now
▼						
OnSelect						
LoadData						
SubmitForm						
Now						

Answer:

Requirement	Property					
Provide a visual indicator when the app is offline.	<table border="1"> <tr><td>▼</td></tr> <tr><td>Visible</td></tr> <tr><td>OnSelect</td></tr> <tr><td>DisplayMode</td></tr> <tr><td>Fill</td></tr> </table>	▼	Visible	OnSelect	DisplayMode	Fill
▼						
Visible						
OnSelect						
DisplayMode						
Fill						
Store data when the app is offline.	<table border="1"> <tr><td>▼</td></tr> <tr><td>OnSelect</td></tr> <tr><td>LoadData</td></tr> <tr><td>SubmitForm</td></tr> <tr><td>Now</td></tr> </table>	▼	OnSelect	LoadData	SubmitForm	Now
▼						
OnSelect						
LoadData						
SubmitForm						
Now						

Explanation:

Requirement

Property

Provide a visual indicator when the app is offline.

Visible
OnSelect
DisplayMode
Fill

Store data when the app is offline.

OnSelect
LoadData
SubmitForm
Now

Box 1: Fill

Scenario: You must display a visual indicator in the app so that sales representatives know whether the app is offline before submitting reports.

Fill - The background color of a control.

Reference:

<https://docs.microsoft.com/en-us/powerapps/maker/canvas-apps/controls/control-screen>

<https://docs.microsoft.com/en-us/powerapps/maker/canvas-apps/functions/function-form>

QUESTION NO: 20

User1の問題を解決する必要があります。

何を使うべきですか？回答するには、回答領域で適切なオプションを選択します。

注：正しい選択はそれぞれ1ポイントの価値があります。

Requirement

Option

Submit a status report.

Dynamics 365 mobile app
Power Apps Studio
Power Apps mobile app
Azure mobile app

Edit an existing status report.

Azure SQL Database
Connector
SQL Lite DB
Collections

Answer:

Requirement

Option

Submit a status report.

	▼
Dynamics 365 mobile app	
Power Apps Studio	
Power Apps mobile app	
Azure mobile app	

Edit an existing status report.

	▼
Azure SQL Database	
Connector	
SQL Lite DB	
Collections	

Explanation:

Graphical user interface, text, application Description automatically generated

Requirement

Option

Submit a status report.

	▼
Dynamics 365 mobile app	
Power Apps Studio	
Power Apps mobile app	
Azure mobile app	

Edit an existing status report.

	▼
Azure SQL Database	
Connector	
SQL Lite DB	
Collections	

Box 1: Power Apps mobile app

Scenario:

User1 often works in a warehouse that does not have internet connectivity.

User1 needs to edit an existing status report and submit a new status report.

The app must be able to run both online and offline. If the mobile device on which the app runs is connected to the internet, the app must immediately submit the status report.

You can build offline capabilities in your PowerApps app so your app users can access some data or save some data even when they don't have an internet connection.

Box 2: Connector

Scenario: Azure SQL Database is used to store other data

Use the SQL Server connector to connect to SQL Server, in either Azure or an on-premises database, so that you can manage your data with create, read, update, and delete operations.

Reference:

<https://powerapps.microsoft.com/en-us/blog/implementing-offline-capability-in-your-app/>

QUESTION NO: 21

アプリがUser2とUser3のニーズをサポートし、本番環境のデプロイ要件を満たしていることを確認する必要があります。

どのツールを使用する必要がありますか？回答するには、回答領域で適切なツールを選択します。

注：正しい選択はそれぞれ1ポイントの価値があります。

Tools

- Solution Checker
- App Checker
- Object Detector
- Preview the app

Answer Area

Requirement	Tool
Accessibility	Tool
Deployment	Tool

Answer:

Tools

- Solution Checker
- App Checker
- Object Detector
- Preview the app

Answer Area

Requirement	Tool
Accessibility	App Checker
Deployment	Solution Checker

Explanation:

Requirement	Tool
Accessibility	App Checker
Deployment	Solution Checker

Box 1: App Checker

Scenario: Several sales representatives have accessibility restrictions. User2 is visually

impaired and cannot see images. User3 is unable to use a mouse.

Users who have vision, hearing, or other impairments can use your canvas app more easily and successfully if you consider accessibility as you design how the app looks and behaves. If you're not sure how to make your app more accessible, you can run the AppChecker Accessibility checker in Power Apps Studio.

Box 2: Solution Checker

Scenario: Before deploying the app to production, you must ensure that the app conforms to Microsoft accessibility and performance guidelines.

Use solution checker to validate your model-driven apps in Power Apps.

Reference:

<https://docs.microsoft.com/en-us/powerapps/maker/canvas-apps/accessibility-checker>

<https://docs.microsoft.com/en-us/powerapps/maker/common-data-service/use-powerapps-checker>

QUESTION NO: 22

ステータスレポートを提出する営業担当者の要件を満たす必要があります。

フローをどのように構成する必要がありますか？

- A. 動的コンテンツ変数の値を使用する並列ブランチを追加します
- B. 静的変数を使用してリスク値を評価し、電子メールが必要かどうかを判断する数値関数アクションを追加します
- C. 動的コンテンツ変数を使用してリスク値を評価する条件を追加します
- D. 動的コンテンツ変数を評価するデータ操作アクションを追加します

Answer: C

Explanation:

Salespeople often do not set status of RFQs in the Sales Log to Won when a sale is closed and the customer purchase order is received.

Include a dashboard that shows all currently active quotes, their status in the sales cycle, the probability of closing, and estimated manufacturing and installation dates, by customer, product division, status, and salesperson.

QUESTION NO: 23

販売員のアクセシビリティのニーズを満たすために、アプリのデザインを変更する必要があります。

どのプロパティを構成する必要がありますか？答えるには、適切なプロパティを正しい制限にドラッグします。各プロパティは、1回使用することも、複数回使用することも、まったく使用しないこともできます。コンテンツを表示するには、ペイン間で分割バーをドラッグするか、スクロールする必要があります。

注：正しい選択はそれぞれ1ポイントの価値があります。

Properties

TabIndex

DisplayMode

AccessibleLabel

Tooltip

Restriction

Design for User2

Design for User3

Property

Answer:

Properties

TabIndex

DisplayMode

AccessibleLabel

Tooltip

Restriction

Design for User2

Design for User3

Property

AccessibleLabel

TabIndex

Explanation:

Graphical user interface, text, application Description automatically generated

Restriction

Property

Design for User2

AccessibleLabel

Design for User3

TabIndex

Box 1: AccessibleLabel

Scenario: Before deploying the app to production, you must ensure that the app conforms to Microsoft accessibility and performance guidelines.

User2 is visually impaired and cannot see images.

AccessibleLabel is a label for screen readers.

An empty value for Image, Icon, and Shape controls will hide the controls from screen reader users.

Box 2: TabIndex

User3 is unable to use a mouse.

TabIndex determines if the control participates in keyboard navigation.

Keyboard navigation is an important aspect of any app. For many, the keyboard is more efficient than using touch or a mouse. The navigation order should:

Mirror what is seen visually.

Only have a tab stop at controls that are interactive.

Follow either an intuitive across and then down "Z" order or a down and then across "reverse-N" order.

QUESTION NO: 24

モバイルアプリを以前のバージョンにロールバックする必要があります。

あなたは何をするべきか？回答するには、回答領域で適切なオプションを選択します。

注：正しい選択はそれぞれ1ポイントの価値があります。

Requirement	Action
Identify the currently published version and view version notes.	<input type="checkbox"/> View the session details page for the app in Power Apps Studio. <input type="checkbox"/> View environment details for the app in the Power Admin portal. <input type="checkbox"/> View details for the app in the Power Apps Maker portal.
Revert to an earlier version of the app.	<input type="checkbox"/> Select Restore on the previous version of the app. <input type="checkbox"/> Export the previous version of the app and import as a new version. <input type="checkbox"/> Delete versions of the app until the desired version is the most recent.

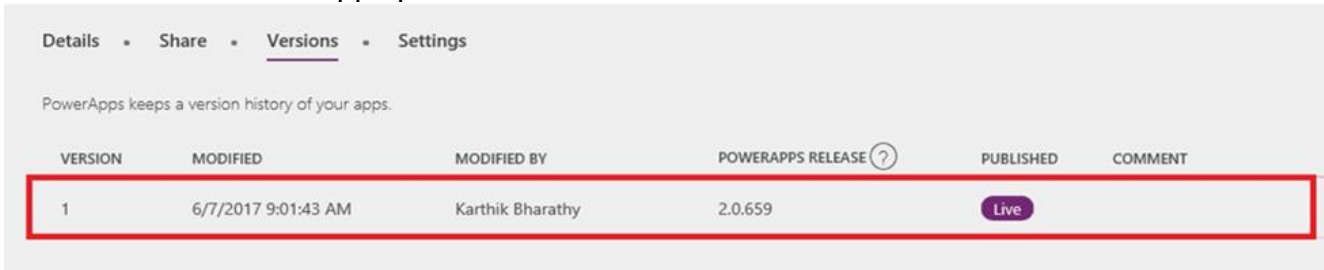
Answer:

Requirement	Action
Identify the currently published version and view version notes.	<ul style="list-style-type: none"> View the session details page for the app in Power Apps Studio. View environment details for the app in the Power Admin portal. View details for the app in the Power Apps Maker portal.
Revert to an earlier version of the app.	<ul style="list-style-type: none"> Select Restore on the previous version of the app. Export the previous version of the app and import as a new version. Delete versions of the app until the desired version is the most recent.

Explanation:

Requirement	Action
Identify the currently published version and view version notes.	<ul style="list-style-type: none"> View the session details page for the app in Power Apps Studio. View environment details for the app in the Power Admin portal. View details for the app in the Power Apps Maker portal.
Revert to an earlier version of the app.	<ul style="list-style-type: none"> Select Restore on the previous version of the app. Export the previous version of the app and import as a new version. Delete versions of the app until the desired version is the most recent.

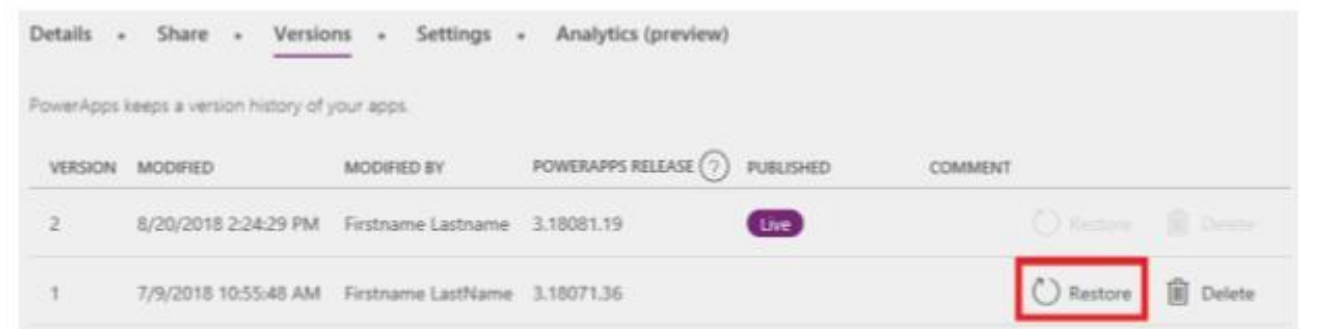
Box 1: View the sessions details page for the app in Power Apps Studio
 Use PowerApps Studio, select the App, and choose and you will be directed to the app's Versions tab in PowerApps portal. There should be one version marked Live.



Box 2: Select Restore on the previous version of the app.

Restore an app from your account

- * Open powerapps.com, and then click or tap Apps in the left navigation bar.
- * Near the right edge, click or tap the info icon for the app that you want to restore.
- * Click or tap the Versions tab, and then click or tap Restore for the version that you want to restore.



Reference:

<https://powerapps.microsoft.com/sk-sk/blog/saveandpublish/>

<https://docs.microsoft.com/en-us/powerapps/maker/canvas-apps/restore-an-app>

Topic 3, Culinary Arts CollegeCase Study

A culinary arts college trains world class chefs by offering a blend of theoretical and practical education. The culinary arts program enrolls two hundred students per term. The instructors split the students in groups of five to seven students, depending on the specialty selected.

Each instructor is in charge of one group of students.

The college uses several systems to manage the student classroom activities. The college plans to implement a Microsoft Power Platform solution to replace the existing system. The goal is to align the cooking curriculum to the taste preferences of their subscribers and automate as much as possible to reduce administrative overhead.

The college has two revenue streams:

- * student enrollment fees and work placement brokerage
- * lunch catering to businesses, school cafeterias and other consumers via subscriptions

Subscribers place orders from a menu published by the instructors. The menu displays all the dishes and quantities that students will create during a cooking lesson.

The college partners with food banks to offer healthy meals to people in need. Students participate in the packaging and safe storage of any leftovers meals and notify the food banks about available meals. If 85 percent of the meals produced during a week sell out the college makes the remaining 15 percent available to food banks only.

Current system

- * The college manages subscribers and their dish preferences by using a SQL Server-based app that is hosted in the college's on-premises datacenter. Each week, data is extracted as a Microsoft Excel workbook and distributed to instructors.
- * Recipes are stored as Microsoft Word documents in SharePoint libraries. Access to recipes is restricted to instructors and students.
- * The college uses Microsoft 365 for emails, classroom and kitchen bookings, and document management.
- * Students will use a Microsoft Outlook calendar to see their group's schedule and to collaborate with instructors and other students.

Current processes

- * Instructors use Microsoft Excel workbooks to capture class attendance information for cooking classes
 - * Instructors develop the culinary arts program and refine it periodically.
 - * Instructors are responsible for monitoring kitchen processes
 - * Instructors order the ingredients in bulk from food distributors. The instructors define threshold quantities that trigger inventory replenishment.
 - * Students self-organize in teams and brainstorm to produce new recipes.
 - * Students earn credits faster if they create new recipes in their specialty and the new recipe gains enough votes from subscribers
- Cooking classes
- * Each cooking class has a start date, a start and end time, a minimum and a maximum number of participants, and a cuisine specialty.
 - * Students select one main cuisine to specialize in when applying for enrollment
 - * Students participating in a cooking class can participate as a chef or as a helper. There is only one chef per session. Everyone else is a helper
 - * Instructors select the chef and recipe for each cooking class and distribute a link to the recipe document before each class.
 - * Each instructor performs quality checks on dishes that are offered for sale and evaluates both the chef and the helper.

Subscriptions

- * The college offers the following types of subscriptions based on a client's commitment to

order

- * Public - lunch orders placed between 11:00 AM and noon from an open menu, subject to availability. Most occasional and high-volume subscribers became fans of the college after ordering from the public subscription.
- o Occasional subscribers - a fixed number of meals, either monthly or weekly.
- o High volume - businesses that provide their staff free lunches every workday.
- * A group of 25 business subscribers each order an average of 2,000 meals per day.
- * The number of occasional subscribers varies daily.
- * The college generates a QR code for high-volume subscribers to allow staff to vote for their favorite dishes.

Class management

- * The solution must track credits earned by the students.
- * Students require a fixed number of credits in the chefs role to gain the cuisine specialization. Students can acquire credits by using any of the following methods:
 - o number of hours in practical sessions as helpers
 - o number of hours as chefs
 - o popular votes from dishes prepared as chefs
 - o marks from the class instructor
- * Students must confirm their attendance by selecting Start at the beginning of each class and selecting Done at the end of the class.
- * The student's total number of practice hours and credits earned must display in the app
- * Students team up together to create new recipes and must keep their recipes confidential.
- * The instructor's photograph dishes that pass quality checks and upload the photographs to the daily menu that is made available to subscribers.
- * Dish votes are counted based on the number of people who marked the dish as a favorite.
- * The college requires a lively visual that displays marketing data on their public-facing website.

Subscriptions

- * The subscriber administrators must approve the credit terms for high-volume subscribers.
- * Occasional and high-volume subscribers must be able to place orders online.
- * Subscribers should be able to mark a dish as favorite directly from their order.

Food management

- * Instructors must be able to reserve the quantities of ingredients that they require for cooking sessions.
 - * Each ingredient has a primary unit of measure for bulk ordering and a second unit of measure for using in a recipe. (For example, flour in pounds when ordering and in cups for use in a recipe).
 - * The app must display the current inventory and reserved quantities for each ingredient needed for a recipe.
- The display must be consistent for appropriate roles.
- * Food banks must be able to access the food pool online and place their orders from a filtered list based on their location.
 - * The college must replace the food bank notifications with an automated system that food bank users can access directly from the college's public website.
 - * The app must use a chatbot to replace the food bank notifications so that food bank users

can see food available for pickup by food banks.

Food management

* One instructor discovers discrepancies in the ingredient inventory and requests the standardization of the units of measures for all ingredients. Each time an ingredient is used in a recipe, the secondary unit of measure must be populated and be read only.

* Students report that they are not able to see their total practice hours in the app.

QUESTION NO: 25

アプリのデータ型を選択する必要があります。

どのデータ型を使用する必要がありますか？

回答するには、回答領域で適切なオプションを選択してください。

注: 正しく選択するたびに 1 ポイントの価値があります。

Answer Area

Data element	Data type
Cuisine specialization	<input type="text" value="Choice"/> ▼ Rating Choice Global choice Yes/No
Favorite dish	<input type="text" value="Global choice"/> ▼ Rating Whole number Global choice Yes/No
Dish vote	<input type="text" value="Whole number"/> ▼ Rating Whole number Choice Yes/No

Answer:

Answer Area

Data element	Data type
Cuisine specialization	<div style="border: 1px solid gray; padding: 2px;"> Choice ▼ Rating Choice Global choice Yes/No </div>
Favorite dish	<div style="border: 1px solid gray; padding: 2px;"> Global choice ▼ Rating Whole number Global choice Yes/No </div>
Dish vote	<div style="border: 1px solid gray; padding: 2px;"> Whole number ▼ Rating Whole number Choice Yes/No </div>

Explanation:

Answer Area

Data element	Data type
Cuisine specialization	Choice ▼
Favorite dish	Global choice ▼
Dish vote	Whole number ▼

QUESTION NO: 26

学生の出席要件を実装する必要があります。

何を使えばいいのでしょうか？回答するには、回答領域で適切なオプションを選択してください。

注: 正しく選択するたびに 1 ポイントの価値があります。

Answer Area

Requirement	Table type or ownership
Cooking class ownership	<div style="border: 1px solid black; padding: 2px;"> User owned by instructors ▼ User owned by students User owned by instructors User owned by chefs Organization owned </div>
Student attendance	<div style="border: 1px solid black; padding: 2px;"> Appointment ▼ Task Appointment Custom activity Recurring appointment </div>

Answer:

Answer Area

Requirement	Table type or ownership
Cooking class ownership	<div style="border: 1px solid black; padding: 2px;"> User owned by instructors ▼ User owned by students User owned by instructors User owned by chefs Organization owned </div>
Student attendance	<div style="border: 1px solid black; padding: 2px;"> Appointment ▼ Task Appointment Custom activity Recurring appointment </div>

Explanation:

Answer Area

Requirement	Table type or ownership
Cooking class ownership	<div style="border: 1px solid black; padding: 2px;"> User owned by instructors ▼ </div>
Student attendance	<div style="border: 1px solid black; padding: 2px;"> Appointment ▼ </div>

QUESTION NO: 27

学生キャンパス アプリに関連する問題を解決する必要があります。

どの3つのアクションを順番に実行する必要がありますか？

回答するには、アクションのリストから適切なアクションを回答領域に移動し、正しい順序で並べます。

Actions

- Filter by chef and helper.
- Import the cooking class dataset into a collection.
- Connect to the cooking class dataset.
- Add a pie chart to the student app.
- Filter by chef or helper.



Answer area



Answer:

Actions

- Filter by chef and helper.
- Import the cooking class dataset into a collection.
- Connect to the cooking class dataset.
- Add a pie chart to the student app.
- Filter by chef or helper.



Answer area

- Connect to the cooking class dataset.
- Add a pie chart to the student app.
- Filter by chef or helper.



Explanation:

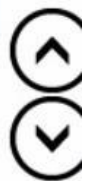
Actions

- Filter by chef and helper.
- Import the cooking class dataset into a collection.



Answer area

- 1 Connect to the cooking class dataset.
- 2 Add a pie chart to the student app.
- 3 Filter by chef or helper.



QUESTION NO: 28

インストラクターの問題を解決し、同じ問題が再発しないようにする必要があります。何を
使えばいいのでしょうか？

- A. ギャラリー
- B. コンボボックス
- C. カスタムコンポーネント
- D. 選択肢

Answer: D