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Exam : **PL-200**

Title : Microsoft Power Platform
Functional Consultant

Version : DEMO

1. Topic 1, Alpine SKi House Case Study

Background

Alpine SKi House is a boutique mountain resort that offers year-round spa and outdoor activities such as snow sports, hiking, mountain biking, and more. The resort has been family owned and operated for more than 50 years. The company has been able to remain profitable while not needing to adopt new technologies.

General

Booking at the resort have decreased. The company has decided to focus on creating a tailored, first-class experience for guest. The company also plans to target corporate meetings and events.

The company recently purchased a chatbot named FAQbot from AppSoure. The chatbot uses the resort's existing FAQs

Communication

- * Communication between staff members is primarily conducted through email and SMS text messages.
- * Conversations between staff members and guest often lost.
- * Conference calls are used for all group meeting

Event Registration

- * Corporate customers can reserve a meeting room at the resort to host meetings. The meetings will include lunch and choice of either an inside-spa experience or a seasonally appropriate outdoor activity.
- * Event registration is conducted three weeks prior to start of the event. It is assumed that all event attendees will attend the meeting

Check-in process

- * Guests wait in lines to check in and obtain name badges. At this time, guests can specify any dietary restrictions and select their activity preference. This can result in long wait times and crowding at the front desk.
- * For health and compliance reasons, guests must answer a series of questions with a yes or no answer during check-in. The front desk will ask and record these answers for the resort's records.

Marketing

At the check-in counter, the guests can drop their business cards into a bowl for a chance to win an all-inclusive weekend stay at the resort. The resort uses the business card information to send announcements about promotions and upcoming events.

Resort policies and event inquiries

- * A guest can call or send an email to the event coordinator at the resort to get information about hotel policies, snow conditions, or to pre-select their after-meeting event;
- * Guests can also go to the website to view the extensive list of frequently asked questions (FAQ) compiled over the years. Many of the answers to the FAQ's are out of date.

General

Alpine Ski House does not employ technical staff and does not have the budget to hire an external firm to develop solutions. There are two team members who are proficient at Microsoft Excel formulas. Any solution created must use the capabilities of current team members.

All solutions must be simple to use, easy to maintain, and represent the brand of the resort.

You must implement the following solutions:

- * a centrally managed communication solution
- * a customer service solution
- * a resort portal
- * a chat solution
- * a check-in solution

Communication

- * Communication between team members must be centrally managed and unified in Microsoft Teams.
- * When the company confirms an event they, must provide a list of guest's names and email addresses.
- * You must send guests a welcome email that includes a unique registration number for authentication with the resort's portal.
- * Guests must receive a separate email to verify proof of ownership for their registration.

Event attendance

- * Guests must create an account and sign into a resort portal to confirm their attendance to an event and pre-select an after-meeting event
- * Prior to the event, guests must be able to identify any personal dietary restrictions.

Check-in processes

- * Check-in processes must be self-service. Each screen must ask for specific data from the guest. The check-in solution will use some data that is stored in Microsoft Excel.
- * The check-in solution must continue to function if there are internet issues. If the self-service kiosks are not available, staff must be able to use the check-in solution from within their communication solution.
- * The check-in solution must have a screen where the guest will select either yes or no to health and wellness questions.
- * Guests must physically interact with each answer before proceeding to the next screen. Guests must be able to confirm any dietary restrictions they may have entered from the portal or add new ones at this time.
- * Data must be entered in each screen before users move on to the next screen.

Marketing

- * To eliminate the handling of business cards, the check-in solution must be able to translate the contents of the business cards into Alpine Ski House's marketing system.
- * The solution must not require any effort or manual entry from the guest to prevent any mistyped information and to make it more appealing to the guest to participate.

Hotel policies and event inquiries

The portal must allow the guest to ask questions about hotel policies, event information, weather reports,

and current weather condition at the resort.

Chat solution

The chat solution must specifically address the following key words.

No additional key words will be added until a later implementation phase:

- * Snow reports
- * Weather conditions
- * Start time
- * End time
- * Event date
- * Outdoor activities
- * Indoor activities
- * Most popular

The chat solution must be available always and not require staff to answer all of the questions. If a question does require a staff member's attention, the solution must determine which staff member is best to assist the customer with the question.

The information in the FAQ on the legacy website must be used in the chat solution but retyping all the data from the website should not be required. If guests ask about topics that are not listed in the FAQ, the chat solution must identify the issue and escalate to a staff member.

Team members must be able to ask their own questions through a centrally managed communication solution instead of using the guest portal. Team members must be able to access the same FAQ across multiple solutions.

Issue

Guest1 inquires about snow conditions several times each day of their stay.

You need to create the FAQ solution content

What should you do first?

- A. AI Builder
- B. Suggest topics
- C. Automate
- D. Trigger phrases

Answer: B

Explanation:

You need to make sure there are three main steps need to do while doing import FAQ and add the topic to your bot application.

- ⇒ Import Suggested Topics from FAQ webpage.
- ⇒ Add a topic.
- ⇒ Enable the topics

Reference: <https://social.technet.microsoft.com/wiki/contents/articles/53820.power-virtual-agents-faq-chatbot.aspx>

2.HOTSPOT

You need to design the resort portal's email registration process.

Which solutions should you use? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

| Requirement | Solution | | | | |
|--|---|--|--|--|-------------------------|
| Implement the invitation code redemption process. | <div style="border: 1px solid #ccc; padding: 5px;"> <div style="background-color: #f0f0f0; padding: 2px; border-bottom: 1px solid #ccc;"> ▼ </div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Auto-populate the invitation code field on the sign-in screen from the email link.</td> </tr> <tr> <td>Embed the invitation code in the email link URL.</td> </tr> <tr> <td>Send the customer their username and temporary password in the email link.</td> </tr> </table> </div> | Auto-populate the invitation code field on the sign-in screen from the email link. | Embed the invitation code in the email link URL. | Send the customer their username and temporary password in the email link. | |
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| Embed the invitation code in the email link URL. | | | | | |
| Send the customer their username and temporary password in the email link. | | | | | |
| Validate the user's email. | <div style="border: 1px solid #ccc; padding: 5px;"> <div style="background-color: #f0f0f0; padding: 2px; border-bottom: 1px solid #ccc;"> ▼ </div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Two-factor authentication</td> </tr> <tr> <td>Azure Active Directory authentication</td> </tr> <tr> <td>Social provider sign-in</td> </tr> <tr> <td>Invitation code sign-up</td> </tr> </table> </div> | Two-factor authentication | Azure Active Directory authentication | Social provider sign-in | Invitation code sign-up |
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| Invitation code sign-up | | | | | |

Answer:

| Requirement | Solution | | | | |
|--|--|--|--|--|-------------------------|
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3.You need to design the resort portal to meet the business requirements.

Which data source should you use?

- A. Microsoft Excel
- B. Azure SQL Database
- C. SQL Server
- D. Common Data Service

Answer: A

4.HOTSPOT

You need to design and create the solution for gathering contact information from guests for marketing purposes.

What should you use? To answer, select the appropriate options In the answer area. NOTE: Each correct selection is worth one point.

Answer Area

| Action | Solution |
|---|---|
| Extract business card data. | <div style="border: 1px solid black; padding: 2px;"> <div style="border: 1px solid black; height: 20px; margin-bottom: 2px;"></div> <div style="border: 1px solid black; padding: 2px;"> AI Builder Common Data Service Power Virtual Agents Power Automate </div> </div> |
| Implement the contact gathering solution. | <div style="border: 1px solid black; padding: 2px;"> <div style="border: 1px solid black; height: 20px; margin-bottom: 2px;"></div> <div style="border: 1px solid black; padding: 2px;"> Create a new entity extraction component Integrate the solution with Azure Cognitive Services use a prebuilt AI model. </div> </div> |

Answer:

Answer Area

| Action | Solution |
|---|---|
| Extract business card data. | <div style="border: 1px solid black; padding: 2px;"> <div style="border: 1px solid black; height: 20px; margin-bottom: 2px;"></div> <div style="border: 1px solid black; padding: 2px;"> AI Builder Common Data Service Power Virtual Agents Power Automate </div> </div> |
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5.HOTSPOT

You need to embed the check-in solution into the communication solution. To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

What must you use to embed the check-in solution?

Visual Studio
 Power Apps Web Studio
 AI Builder
 Common Data Service

Where must the check-in solution be available within the communication solution?

chat section of the solution
 Microsoft 365 Apps selection grid
 in an embedded webpage
 in a tab

Answer:

What must you use to embed the check-in solution?

| | |
|-----------------------|---|
| | ▼ |
| Visual Studio | |
| Power Apps Web Studio | |
| AI Builder | |
| Common Data Service | |

Where must the check-in solution be available within the communication solution?

| | |
|--|---|
| | ▼ |
| chat section of the solution | |
| Microsoft 365 Apps selection grid in an embedded webpage | |
| in a tab | |

Explanation:

Box 1: Power Apps Web Studio

Scenario: The check-in solution must continue to function if there are internet issues. If the self-service kiosks are not available, staff must be able to use the check-in solution from within their communication solution.

PowerApps Studio is a browser application used to edit your apps. PowerApps Studio includes a drag-and-drop canvas in the center of the screen and a screen or object list pane on the left. Properties, Rules, and Advanced Properties for selected screens or controls are displayed in the right pane.

Box 2: in a tab

You can customize the Teams experience by adding Power Apps canvas apps to your channels in Teams using the PowerApps tab.