PowerApps L2 Hands-On Exercises

Note: To complete this exercise you need to create free PowerApps subscription. Use the below link to create the subscription

<https://signup.microsoft.com/Start?sku=powerapps_viral&ru=https%3a%2f%2fweb.powerapps.com%2flogin%2fportal>

OR

<https://powerapps.microsoft.com/en-us/>

Scenario

You are a Business Analyst at ABC Flooring company, a mid-sized flooring company with a little more than 200 employees. You are helping the Specialist Manager in your company to streamline the operation of requesting, assigning, and approving Flooring Specialists.

You have agreed the following process:

1. A Salesperson uses the app to request a Specialist.
2. The Salesperson can request for a specific Specialist or any Specialist.
3. If the Salesperson requests for a specific Specialist, the app will notify the Manager, and the Manager can Approve/Reject the request.
4. If the Salesperson does not request for a specific Specialist, the app will notify the Manager. The Manager will then assign a Specialist.
5. Upon Specialist assignment, the app will notify the Salesperson.

You will then create a basic app from the data on the SharePoint list. You will be able to use the app to display the list of requests, to add a new request, and to edit existing request.

**Preparing Data in SharePoint**

 First, you need to create a SharePoint list as the data source. Sample SharePoint List data structure is given below. The SharePoint list will be the back-end and the app will be the front-end for requesting, assigning, and approving Floor Specialists.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Title** | **Description** | **Date** | **Status** | **SpecialistName** | **Comment** |
| Fabrikam Inc. | I need specialist to review the existing floor layout before quoting customer | 10/27/18 8:00 AM | Approved | Sunny |  |
|  |  |  |  |  |  |

**Creating an App using Data from a SharePoint List**

CUSTOMIZING SCREENS

1. Go to **BrowseScreen1**, which is the first screen of the app.
2. Select the **BrowseGallery1** control.
3. Click **Title, subtitle, and body** in the right section next to Layout and set the following fields:

* Body1: Description
* Subtitle1: DateTime

Title1: Title

1. Go to **DetailScreen1**. Select the **DetailForm1** control. Arrange the fields to the following order accordingly: **Title**, **DateTime**, **Description**, **SpecialistName**, **Status**, **Comment**. Uncheck **Modified** and **Created**.
2. Go to **EditScreen1 and perform the same operation as DetailForm1**.
3. Arrange the fields to the following order: **Title**, **DateTime**, **Description**, **SpecialistName**, **Status**, **Comment**. Uncheck **Attachments**.
4. Now you will add buttons for the manager to approve or reject a request. We will then dynamically hide or show controls depending on whether the request is a new request or ready for the manager to approve or reject.

**ADDING APPROVE AND REJECT BUTTONS**

1. Go to **EditScreen1**, which is the third screen of the app.
2. Select the **EditForm1** control.
3. Select the **Status** DataCard.
4. Click **Advanced** on the far left and click **Unlock to change properties**.
5. With the **Status** DataCard selected, click **Insert** and click **Button**.
6. Set the **Text** property of the button to “**Approve”**.
7. With the **Status** DataCard selected, click **Insert** and click **Button**.
8. Set the **Text** property of the button to “**Reject”**.
9. ADDING THE LOGIC TO APPROVE AND REJECT . Add your logic so that whenever the manager select the respective button the the status should change.