MNP

MNP Technical Challenge - PowerApp

1.1 Description

The development manager at MNP has a new project for you! MNP is need of a contact management PowerApp that will be used by the entire firm!
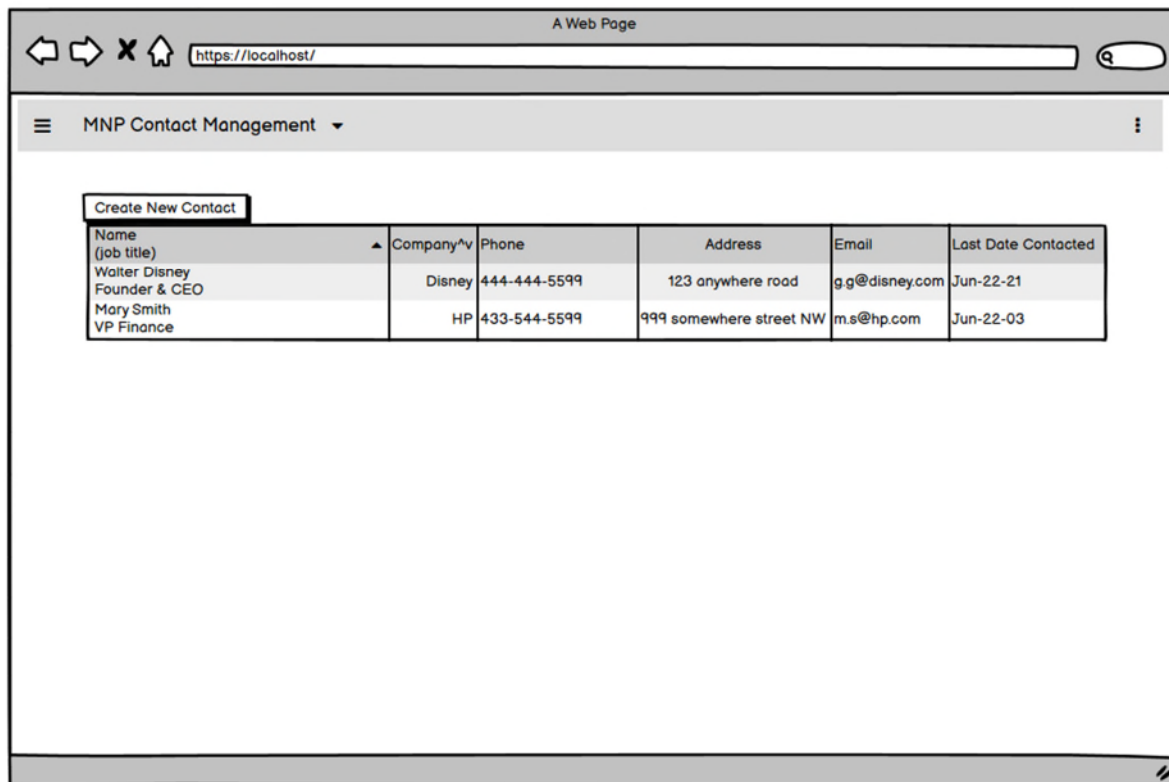
You'll have 48hrs to complete the challenge.

Your task is to create the basic functionality based on the mock-ups below, create the following application:

1. Use a Canvas App to create the general views in the screenshots below.
2. The App should be for a Tablet Format.
3. Apply basic styling to the application, be creative or minimalistic 😊
4. The application should route from the master list to the contact details.
5. If the user clicks the "Create New Contact", the user should be routed to a new screen
6. The data should persist in a repository of some kind, you tell us what you will use.
7. Ensure duplicates are not allowed on the application
8. Ensure you use a Github or azure devops **public** repository.
    a. Create a git repo that is accessible to us.
    b. Provide the necessary instructions for us to import your PowerApp to a different tenant.
    c. Provide the necessary exports files into the repository.

1.2 Disclaimer

We understand some of the requirements are vague. It's part of the fun! Document any assumptions you make while going through the challenge. If you need to omit part of the challenge that's OK as well. Just let us know which areas you did not complete.

A Web Page

https://localhost/

≡ MNP Contact Management ▾   ⋮

Create New Contact

Name (job title) ▲	Company^v	Phone	Address	Email	Last Date Contacted
Walter Disney Founder & CEO	Disney	444-444-5599	123 anywhere road	g.g@disney.com	Jun-22-21
Mary Smith VP Finance	HP	433-544-5599	999 somewhere street NW	m.s@hp.com	Jun-22-03

1. When you click on a row, the user will be routed to the contact details where that contact's information will be displayed:

1. Ensure the "Save" button has a confirmation dialog before sending the information to the API layer.
2. If the save is successful, redirect back to the Contact List screen or present a toast message.
3. If an error is encountered, ensure you provide proper feedback to the user.

1. Ensure basic validation of the fields is enforced.
2. Ensure the "Save" button has a confirmation dialog before sending the information to the API layer.
3. If the save is successful, either redirect back to the Contact List screen or present a toast message.
4. If an error is encountered, ensure you provide proper feedback to the user.