

## WA3488 ADP Phase 1 React Project - Application Testing

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As you develop the app you should periodically run through these manual test steps to make sure you have not lost functionality. The number of the test scripts match the number of the requirement they satisfy:

### *Manual Test Scripts*

- 1 The app should display a list of Customer records.
  - 1.1 Refresh the app in the browser
  - 1.2 The customer list should show all available customer records
  
- 2 The label “Customer List” should appear on-screen, above the list of Customer records.
  - 2.1 Refresh the app in the browser
  - 2.2 The “Customer List” text should appear as defined in the requirements
  
- 3 The following fields should be maintained for each Customer: name, email, password
  - 3.1 Refresh the app in the browser
  - 3.2 The customer list should show the fields name, email and password for each record
  - 3.3 The add-update form should allow entry of text for the fields; name, email and password
  
- 4 Users can select a record by clicking on it in the list.
  - 4.1 See 5. Below
  
- 5 Selected records should appear with a **bold** font.
  - 5.1 Click on an item in the Customer list
  - 5.2 The three data fields for the item should change to bold text.
  - 5.3 Field data from the selected record should appear in the add-update edit form
  - 5.4 Click again on the already selected and bolded item in the customer list
  - 5.5 The three data fields for the item should no longer be bolded
  - 5.6 The add-update form should no longer show field data from the previously selected record, instead it should show the input field’s placeholder text
  
- 6 Clicking on an already selected record should remove the selection.

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6.1 See 5.4 above

**7** The section below the Customer list should hold an add-update form. The form's title should be either "Add" or "Update" depending on the forms current mode. (Add for new records, Update when it is showing the selected record)

7.1 Refresh the app in the browser

7.2 With no record selected in the customer list the title of the add-update-form should be "Add"

7.3 Click on an item in the customer list to select it. The item should be shown in the add-update form.

7.4 With the selected item showing in the add-update for the form's title should be "Update"

**8** The add-update form section should show the name, email and password of the record selected in the Customer list.

8.1 See 5.3 above.

**9** Three buttons, delete, save and cancel should appear below the add-update form section

9.1 Refresh the app in the browser

9.2 Buttons should appear on the add-update form as described in the requirements.

**10** Clicking the delete button when a record is selected should delete the selected record.

10.1 Refresh the app in the browser

10.2 Click on an item in the customer list to select it

10.3 Click on the [delete] button

10.3.1 The selected item's field values should no longer be shown in the add-update form

10.3.2 The selected item should no longer appear in the customer list

10.3.3 No item in the customer list should show as selected

10.3.4 Querying the REST service directly should confirm that the item has been deleted

**11** Deleted records should no longer show in the Customer List

11.1 See 10.3.2 above

**12** Users should be able to modify any of the data (name, email or password) in the add-update form section.

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- 12.1 Refresh the app in the browser
  - 12.2 Click on each of the input fields in the add-update form and try entering text
  - 12.3 If the field was empty the input element's placeholder text should be replaced with the text being typed
  - 12.4 If the field has data that data should be modified or appended to based on the text being typed
- 13** Clicking the save button when a selected record has been modified in the add-update form section should update the original record with the modified values.
- 13.1 Refresh the app in the browser
  - 13.2 Select an item in the customer list, the title of the add-update section should change to 'Update'
  - 13.3 Modify one or more fields of the selected record's data in the add-update form
  - 13.4 Click on the [save] button
    - 13.4.1 The changes made in the add-update form should appear in the related item in the customer list
    - 13.4.2 There should be no selected record after save is clicked
    - 13.4.3 The add-update form fields should be empty except for the placeholder text
    - 13.4.4 The title of the add-update section should revert to 'Add'
- 14** After a record is modified the customer list should be updated so that the modified field values are visible in the list
- 14.1 See 13.4.1 above
- 15** Clicking on the Cancel button should de-select the selected record.
- 15.1 Refresh the app in the browser and select a record in the customer list
  - 15.2 Click on the [cancel] button
    - 15.2.1 There should no longer be any selected item showing in bold
    - 15.2.2 The add-update form fields should be empty except for the placeholder text
    - 15.2.3 The title of the add-update section should revert to 'Add'
- 16** After clicking cancel the fields in the add-update form section should be empty.
- 16.1 See 15.2.2 above

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**17** When no record is selected the user can type new data into the fields in the Add-update form section.

17.1 See 12.2 above

**18** Clicking Save when no record is selected and when data has been entered into the Add-update form fields should add a new record.

18.1 Refresh the app in the browser

18.2 Check that the title of the add-update section shows as 'Add'

18.3 Enter data into the add-update form fields

18.4 Click on the [save] button

18.4.1 The data entered in the add-update form should appear as a new item in the customer list

18.4.2 After save is clicked there should be no selected record

18.4.3 After save the add-update form fields should be empty except for the placeholder text

18.4.4 After save the title of the add-update section should be 'Add'

**19** After a new record has been added the Customer List should be updated to include the new record.

19.1 See 18.4.1 above