ELEN4010 - PROJECT TESTING

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INTRODUCTION

This document presents an outline of the unit, acceptance and integration tests associated with each developer story.

CURRENTLY IMPLEMENTED UNIT TESTS AND THEIR CORRESPONDING ISSUE NUMBERS

28: Configure test and lint frameworks

1. Hello world test to ensure testing is working correctly

30: Implement logic to add item name to shopping list

1. Test that the size of empty shopping list is 0
2. Ensure that the size of the shopping list increases when an item is added
3. Test that the name of the added item is equal to that of the one appearing in the shopping list

32: Implement logic to add category/aisle

1. Test that the size of an empty category list is equal to 0
2. Ensure that the size of the category list is increased when an item category is added
3. Test that the name of the added item category is equal to that of the one appearing in the category list

34: Implement logic to enter multiple items onto a shopping list

1. Test that multiple items can be added to the shopping list

CURRENTLY IMPLEMENTED INTEGRATION AND ACCEPTANCE TESTS AND THEIR CORRESPONDING ISSUE NUMBERS

31: Render item name on shopping list

1. Allow user to render an item on a list

33: Render item's category/aisle on shopping list

1. Allow user to add and render a category for an item
2. Default category appears as "Category" if not selected

35: Render multiple items on shopping list

1. Multiple items can be added to the list

76: Store item name in database and render on website

1. An item can be added and is stored in the database and can be retrieved and rendered correctly

77: Store item categories in database and render on site

1. An item category can be added and is stored in the database and can be retrieved and rendered correctly

78: Store multiple items and render on website

1. Multiple items can be added and stored in the database and can be retrieved and rendered correctly

79: Allow editing of item name and render on website

1. Edited items are rendered correctly on the list

80: Allow editing of item category/aisle and render on website

1. Edited item categories are rendered correctly on the list

81: Allow user to store edited name in database and render on website

1. Item name can be edited and stored in the database and can be retrieved and rendered correctly

82: Allow user to store edited category/aisle in database and render on website

1. Item category can be edited and stored in the database and can be retrieved and rendered correctly

83: Allow user to add shopping list name, store in database and render on website

1. A shopping list name can be created and is rendered
2. A shopping list name can be added and is stored in the database and can be retrieved and rendered correctly
3. The shopping list name can be edited and is rendered
4. The shopping list name can be edited and is stored in the database and can be retrieved and rendered correctly
5. A shopping list name can be added, as well as additional items, and the changes are stored in the database and can be retrieved and rendered correctly

85: Allow user to share shopping list, generate link and render link to user

1. Test that shopping list can be shared, a link generated and a user can render the shopping list using the link

96: Shopping list can be shared with someone via send grid email API

1. List can be shared with one user and the list of shared users is checked
2. List can be shared with one user and their email is stored in the database and can be retrieved and rendered correctly
3. List can be shared with multiple users and the list of shared users is checked
4. List can be shared with multiple users and both emails are tested to be stored in the database and can be retrieved and rendered correctly

98: User can create additional shopping list that is stored in database and rendered on website

1. Two shopping lists are created and the loading of the first list is tested
2. Additional items can be added to the loaded shopping list
3. Test that additional items can be added to the loaded shopping list and these items are stored in the database and can be retrieved and rendered correctly
4. Test that item can be edited in a loaded shopping list and the edits are stored in the database and can be retrieved and rendered correctly

100: Users can tick off completed item cards which are saved in database

1. User is able to check off an item
2. User is able to check off multiple items
3. The purchase status of one item is stored in the database and can be retrieved and rendered correctly
4. The purchase status of multiple items is stored in the database and can be retrieved and rendered correctly

102: Lists will be sorted based on item completion

1. Multiple items can be added, one item is marked as purchased, the items are sorted by purchase status and the results are stored in the array and rendered correctly

103: Item card can be deleted with changes saved in database and rendered on website

1. Item can be added to the item array and subsequently deleted
2. Multiple items can be added to the item array and subsequently deleted
3. A single item can be added and deleted, these changes are stored in the database and can be retrieved and rendered correctly
4. Multiple items can be added and deleted, these changes are stored in the database and can be retrieved and rendered correctly

104: Item quantities can added to items which is stored in the database and rendered on the website

1. Quantity can be added for a single item
2. Quantity can be added for multiple items
3. Quantity of one item can be stored in the database and can be retrieved and rendered correctly
4. Quantity of multiple items can be stored in the database and can be retrieved and rendered correctly

115: Allow user to edit item quantity, store in database and render on website

1. Allow user to edit an item quantity
2. Edited item quantity is persistent and can be rendered
3. Multiple item quantities can be edited with the changes stored in the database and rendered

117: Allow the user to add notes about their shopping list, store them and render them

1. Shopping list notes can be added and are rendered correctly
2. Shopping list noted can be added and are stored in the database and can be retrieved and rendered correctly
3. Shopping list notes can be edited and are rendered correctly
4. Shopping list notes can be edited and are stored stored in the database and can be retrieved and rendered correctly

120: Shopping list colour changes are saved for when accessed at a later point

1. Card colour can be assigned to individual cards and is rendered correctly
2. List colour can be assigned and is rendered correctly
3. Card colours are stored in the database and can be retrieved and rendered correctly

121: Shared shopping list access can be revoked

1. List is shared with two users, the first email is removed. Test that upon reload only the single correct email is loaded

122: Item category is chosen from set of defaults

1. Item category can be selected from the drop-down menu, the results are stored in the database and can be retrieved and rendered correctly
2. Item category can be edited from the drop-down menu on its respective card and the changes are stored in the database and can be retrieved and rendered correctly

123: Sort item cards on shopping list by category (alphabetical)

1. Multiple items can be added by choosing a category from the drop-down, these items can be sorted alphabetically by category.