

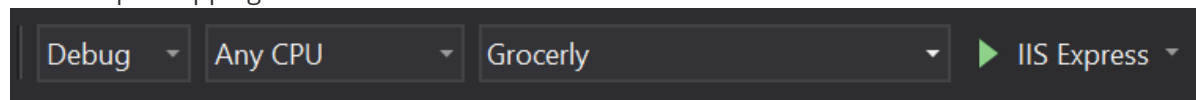
Assignment 10: Final Code for Project

Group 2: Grocerly

How to download and run your code as a standalone application

Use git clone and review our 'Develop' branch, <https://github.com/VegaDeftwing/361Group2ShoppingList/tree/Develop>. (Has to change to master at some point). There are two ways to launch the application.

Method 1: This requires Visual Studio 2019 and Node.js in order to run. Open the 361Group2ShoppingList.sln file and this should launch Visual Studio 2019.



Click on IISExpress (or select IISExpress if it is not the default) to launch the application.

Method 2: This requires Visual Studio Code and Node.js in order to run. Open folder ClientApp 361Group2ShoppingList/361Group2ShoppingList/ClientApp/. Open the terminal in Visual Studio Code and launch the application using npm start.

[Please add additional information if you think this is insufficient]

How to use the application

Using either methods above should launch the user into the registration page for this application. This is one of the three main pages we have in this web application.

The Registration Page allows the user to input information such as name, email and password, with an additional field to confirm password. This is preliminarily checked by the frontend logic to ensure that input fields are reasonable. However, due to the incomplete built between the frontend and the backend, the application would alert the user of a successful registration if the input fields are considered valid. An unsuccessful build will lead to error messages for why the input fields are not valid.

The Login Page can be accessed by clicking on the Login Button on the Navigation Bar, which would route the user to the login page for this application. A similar logic applies for the input fields.

In order to access the home page, return to the Registration Page and click the Home Button on the Navigation Bar, which would take the user to the Home Page. This page displays the List of Items and List of Lists for a given user. Given the lack of connection of the backend, starting values for a hypothetical guess user is provided for demonstration purposes.

For the list of items, the user can check the check boxes to signify completeness of purchasing or obtaining the listed item, or delete the item by clicking on the delete icon on the very right. Clicking on the + sign for the List of Items pops up a modal that allows input of a new item.

[I am not sure if I should include this]

Similarly, list of lists on the left provides the user choices between the list that they have. This is meant for them to select the list to be displayed, however, this functionality is not developed due to the lack of connection between the frontend and the backend.

Individual Contributions

BillyDurance <37262511+BillyDurance@users.noreply.github.com>:

insertions: 75 (0%)
deletions: 134 (2%)
files: 12 (2%)
commits: 11 (10%)
lines changed: 209 (0%)
first commit: Mon Sep 21 14:09:50 2020 -0500
last commit: Mon Nov 16 13:47:54 2020 -0600

justinhjy1004 <46717137+justinhjy1004@users.noreply.github.com>:

insertions: 192 (0%)
deletions: 68 (1%)
files: 19 (3%)
commits: 8 (7%)
lines changed: 260 (0%)
first commit: Mon Sep 21 13:56:19 2020 -0500
last commit: Mon Nov 16 13:53:20 2020 -0600

Justin Jia Yinn Ho <jho6@unl.edu>:

insertions: 1090 (2%)
deletions: 478 (6%)
files: 74 (12%)
commits: 12 (11%)
lines changed: 1568 (3%)
first commit: Fri Oct 16 15:13:57 2020 -0500
last commit: Tue Nov 17 12:38:38 2020 -0600

Katie Gerot <kgerot2@unl.edu>:

insertions: 38617 (77%)
deletions: 2344 (27%)
files: 238 (39%)
commits: 29 (26%)
lines changed: 40961 (70%)
first commit: Mon Sep 21 12:38:52 2020 -0500
last commit: Fri Oct 16 17:29:09 2020 -0500

Vega Deftwing <johnathan698@gmail.com>:

insertions: 1824 (4%)
deletions: 678 (8%)
files: 101 (16%)
commits: 15 (13%)
lines changed: 2502 (4%)
first commit: Tue Sep 8 20:09:29 2020 -0500
last commit: Mon Nov 16 13:37:43 2020 -0600

Katie Gerot <katie.gerot@huskers.unl.edu>:

insertions: 592 (1%)
deletions: 43 (0%)
files: 18 (3%)
commits: 7 (6%)
lines changed: 635 (1%)
first commit: Fri Oct 16 17:30:43 2020 -0500
last commit: Mon Nov 16 14:47:57 2020 -0600

Katie Gerot <44932613+kgerot@users.noreply.github.com>:

```
insertions:    51      (0%)
deletions:    23      (0%)
files:        14      (2%)
commits:      14      (12%)
lines changed: 74      (0%)
first commit: Mon Sep 21 11:33:08 2020 -0500
last commit:  Mon Nov 16 14:55:50 2020 -0600
```

BillyDurance <805572377@qq.com>:

```
insertions:    6786   (14%)
deletions:    4657   (54%)
files:        114     (19%)
commits:      11      (10%)
lines changed: 11443  (19%)
first commit: Mon Oct 5 00:03:33 2020 -0500
last commit:  Sun Nov 15 22:01:17 2020 -0600
```

Justin Ho <justinhjy1004@gmail.com>:

```
insertions:    965    (2%)
deletions:     200    (2%)
files:         25     (4%)
commits:        6     (5%)
lines changed: 1165   (2%)
first commit: Sat Oct 10 16:12:53 2020 -0500
last commit:  Mon Oct 12 20:42:24 2020 -0500
```

total:

```
insertions:   50192  (100%)
deletions:    8625   (100%)
files:        615    (100%)
commits:      113    (100%)
```

Katie Gerot

Vega Carlson

ZhiYuan Weng

Justin Ho

Primarily developed the frontend using React to build the User Interface with the addition of Material UI components. Built the registration page of the web application for the users to input information into corresponding fields. Implemented simple frontend logic to eliminate non-viable inputs such as emails with incorrect formats etc.

Designed the Home Page of the User Interface. Implemented internal logic to sync the states from multiple react components to ensure state consistency between children and parent props. Allow simple CRUD operations for the user to operate in the frontend such as creating an item, deleting an item, update an item by checking the boxes and retrieve/display item in the frontend.

Build UserAccessor based on Katie Gerot's code for ItemAccessor. This is primarily used for the accessing of user data from the database for other classes in the backend.

