Requirements

Modify a solution (either yours or the instructors) to Assignment 02 to change it to a multiple page app with three pages:
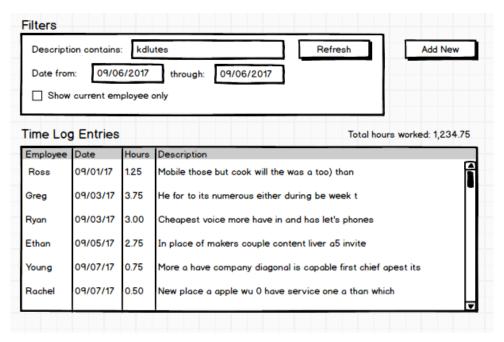
- The Sign In form
- The Main form with a vertically scrollable list (i.e. grid) of entries that have been added
- The Edit form that can be used to add, update, and delete time log entries

When the app is first loaded, the Sign In form displays. After the user has entered a valid Employee ID and password, the Main form is displayed. The Main form displays the Edit form whenever the user wants to add a new entry, or update an existing entry by double-clicking the entry in the grid.
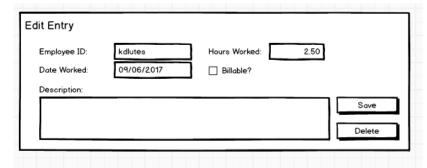
A low-fidelity mockup for the UI is shown below:

Sign In Form

Main page

Edit Form

1. Sign In Form

    a. Validate an Employee ID and a password have been entered.

    b. Validate the Employee ID and password against a hard-coded list of at least five Employee ID/Passwords. Passwords should not be encrypted.

    c. If the Remember Employee ID checkbox is checked, upon successful sign in, save the entered Employee ID so that it can be used to populate the textbox the next time the app is run. If the Employee ID is pre-populated, set the focus to the Password textbox. If the Remember checkbox is not checked, be sure no Employee ID is saved.

2. Main Form

    a. The main form works much like grid in Assignment 02 except it does not allow the user to delete entries.

    b. Double-clicking an entry in the grid should navigate to the Edit form and the display the selected Entries values.

    c. Filters on the main form allow only a subset of all entries to be displayed.

        i. All filters are optional

        ii. When entered, the date range filters display entries with dates >= and <= the date range. When using the date range filters, the user can enter either of the dates, or both of the dates.

        iii. Filtering by description should show any entry with a description that contains the entered text and be case-insensitive.

        iv. Filter values should remain when navigating to, and back from, the edit form.

3. Edit Form

    a. Use the same validation rules as in Assignment 02.

    b. The save button either adds or updates the current entry

    c. The delete button is only enabled when updating an entry. As before, display a "Are you sure you want to delete this entry?" confirmation message and give the user a way to continue or cancel the delete action.

4. Whenever a new entry is added, updated, or deleted, or the Refresh button is clicked, refresh the grid of entries on the screen and update the total hours worked.

5. If the user attempts to navigate directly to the Main page or Edit page, and they have not signed in first, they should be directed to the Sign In form.

6. Your app should retain state information so that each time the app is run the list of entries is displayed.

7. Develop your UI using HTML pages that uses CSS for positioning UI objects. Write all your processing code using JavaScript.

8. You may not use any third-party code or regular expressions when completing this assignment.

9. Your source code must contain these files:

   a. SignIn.html & SignIn.js

   b. Main.html & Main.js

   c. Edit.html & Edit.js

   d. Shared.js   Include any code common to multiple pages/forms in this file.

Due Date

Submit your HTML and JavaScript file using Vocareum before Thursday, September 28th, 11:00 pm.

Scoring

Max Points	Requirement
5	Correct file submission, Assignment 02 requirements, coding style and readability, etc.
15	Correct Sign In form, validating, remembering Employee ID, requiring the user to be signed in before using the other pages.
5	Main form with scrollable list of entries
10	Filtering on the main form
10	Edit form adding
5	Edit form updating
10	Edit form deleting
60	**Total**