

Sprint 3

Team: Two Man Group

Features to implement in next sprint:

- dataset set 1 (calendar.csv)
- dataset set 2 (listings.csv, listings_detailed.csv(106 columns))
- dataset set 3 (neighbourhoods.csv)
- dataset set 4 (reviews.csv, reviews_detailed.csv)
- Feature 1: As a user, I want to insert a row in the listings table
 - Fields to input new data
 - Adds row to database
- Feature 2: As a user, I want to delete a row in the listings table
 - Click trash can icon to delete row
 - delete rows by id match
- Feature 3: As a user, I want to update a row in the listings table
 - Click pencil icon to update individual column of a row
 - preview row being updated
- Feature 4: As a user, I want to backup data
- Feature 5: As a user, I want to import data from backup

GUI design

- drop list of files to search from, optional search by column, search string
- drop list of dataset for u/i/d, column fields for modifications, pencil icon on the side when hovering a row to update, trash icon on the side when hovering a row to delete

Test Cases

- Feature 1 Test Cases: As a user, I want to insert a row in the listings table
 - Test case 1: As a user, I input values into the fields for insertion
Correct Output: The website should give a prompt that shows what the row would look like and ask for confirmation to insert
 - Test case 2: As a user, I confirm the insertion
Correct Output: The website should now be able to show the new row added and update data accordingly
- Feature 2 Test Cases: As a user, I want to delete a row in the listings table
 - Test case 1: As a user, I hover over a row
Correct Output: A trash can icon should appear off to the side of that row
 - Test case 2: As a user, I click that trash can icon
Correct Output: The website should ask for confirmation for a deletion of that row
 - Test case 3: As a user, I confirm deletion
Correct Output: The website should delete the row and update data accordingly
- Feature 3 Test Cases: As a user, I want to update a row in the listings table
 - Test case 1: As a user, I should be able to hover over a row

- Correct Output: Pencil icon should appear off to the side of that row
 - Test case 2: As a user, I click the pencil icon
 - Correct Output: Website allows user to choose column and make an update
 - Test case 3: As a user, I select a column and update
 - Correct Output: Website asks for confirmation
 - Test case 4: As a user, I confirm the update
 - Correct Output: Website updates the data and the updated data should show properly
- Feature 4 Test Cases: As a user, I want to backup data
 - Test case 1: As a user, I press the backup button
 - Correct Output: The website should ask for a prompt to confirm backing up
 - Test case 2: As a user, I confirm the backup
 - Correct Output: The website should save the data on the server
- Feature 5 Test Cases: As a user, I want to import data from backup
 - Test case 1: As a user, I press the import button
 - Correct Output: in-memory data store now contains data from backup (likely json)
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 - Correct Output: in-memory data store now contains data from backup (likely json)

DONE List

- basic server/client connectivity (Tsz Hin Lo)
- load csv files into list (Tsz Hin Lo)
- select data that contains matching keywords with search (Tsz Hin Lo)
- Formatting the csv data into a table (Tsz Hin Lo)

TODO List

- load csv files into dict instead of list
- allow more complex searches
- add update/insert/delete features for listing tables
- backup/import data