Project Overview

Development of 'TasteTracker' PWA

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Project Description

Brief

A local food blogger has requested development of a progressive web app (PWA) named *'Taste Tracker'*. The platform will allow users to share food reviews for locations in the central west.

Functional Requirements

- Users must have the ability to create accounts and sign-in in a secure way
- After logging in/creating account user can add restaurant reviews that include:
    - Restaurant name
    - Cuisine type
    - Review date
    - Rating
    - Text
- Non-logged in users have permission to see and search reviews, but cannot add reviews until logged in
- Users have ability to edit/delete reviews created by their account
- All users can search reviews and filter results

Non-Functional Requirements

- Clean, sleek and functional user interface (UI)
- App should function fully on mobile, desktop and tablet
- App should function offline using service worker
- Data must be stored securely in SQL database with appropriate encryption

Project Constraints

- Must use Python flask, Jinja2 templates, SQLite, HTML, CSS and JavaScript
- Must maintain up to date project version on github using commits
    Must use secure coding practices i.e. password hashing, block XSS, Authorisation checks, ect.

Acceptance Criteria

- Users can register, login, add/edit/delete reviews, and search/filter data
- Database stores all relevant review data
- Application code is well documented and modular
- Github repository reflect agile workflow with a project board

Project Planning

HSC Software Assignment 1 - IPO chart and data dictionary

Storyboard

Pseudocode

Algorithms