**Sunnybrae Superette E Commerce Store**

**Objectives and Goals**

* The objective of this project is to learn and showcase a full stack project for my portfolio.
* Create a fully functional online store based on the goods sold at Sunnybrae Superette.

**Target Audience**

* Customers of area around Sunnybrae Superette, as it will make it easier for them to look at possible deals and see what new products are available and what is in stock prior to coming into the dairy.

**Features of Website**

* User should be able register and log in.
* User should be able to browse products.
  + Search function.
  + Filtering
    - Type of product eg drinks, chocolate
  + Sorting
    - Highest to lowest price
    - New to old.
* Shopping cart
  + Add items to a cart.
  + Edit quantity of products in cart.
  + Delete item from cart.
* Review of products

**Design and User Experience**

* Home page.
* Cart page.
* Product page.
* FAQ Page.

**Database Design**

* **Users Table** – Store user information: Username, Email, Password, contact information.
* **Products** – Store product information: Product Code, Price, Description, Image URL, Category ID
* **Category Table** – Store the different categories of products.

**Project Timeline**

**Monday 13-05**

* Review project requirements and objectives.
* Set up Django project structure (templates)
* Create the Django models for users, products, categories, and orders.

**Tuesday 14-05**

* Work on Django models and database migration.
* Implement the user authentication and registration.

**Wednesday 15-05:**

* Implement product listings.
* Set up CSS and JS
* Work on creating product detail and view templates.
* Add product images and populate database with sample products.

**Thursday 16-05:**

* Implement product category views and templates.
* Add the browse feature for products.
* Refine product listing and details.

**Friday 17-05:**

* Shopping Cart Functionality

**Saturday 18-05:**

* - No time to work on project but if time then work on refining what is done or just catch up on timeline if behind

**Sunday 19-05:**

* - Out for the day, if back in time then work on catching up to the timeline

**Monday 20-05**

* Documentation for startup and setup of project
* Catch up on what isn’t done as this is the full day to catch up on whatever I’m behind on.

**Tuesday 21-05**

* Start Testing features.

**Wednesday 22-05:**

* Refine project.
* Finalise documentation.

**Thursday 23-05 onwards:**

* Project should be complete but if not still have from 23-05 until 26-05 to complete and refine project.