**WEB - HW1**

**TASK TABLE:**

TEAM Engineer:

| **team member name** | **tasks** | **task complited** |
| --- | --- | --- |
| sdana soudry | create meal plan | meal planing |
| amir mishayev | create profile page and side bar for nav bar | profile page part |
| lital leschinsy | create recipe page | part recipe page |
| michael trifonov | create home and share recipe | completed |

**Requirements**

**Functional Requirements:**

**User Authentication:**

* Users can sign up, log in, and log out.
* Profile management allows users to update their personal information.

**Recipe Management:**

* Users can add new recipes including ingredients, cooking steps, and photos.
* Edit and delete their own recipes.
* View recipes added by other users, including searching and filtering options.

**Shopping List Generator:**

* Automatically generate shopping lists based on the ingredients needed for selected meal plans.
* Ability to add or remove items from the generated shopping list.

**Nutritional Information Calculator:**

* Calculate nutritional information for each recipe, including calories, macros, etc.

**User Interaction:**

* Users can like (grade with 5-stars method), and share recipes.

**Non Functional Requirements:**

**Performance:**

* The system should load pages and respond to user inputs quickly

**Scalability:**

* The architecture should support scaling, both horizontally and vertically, to accommodate an increasing number of users and data.

**Usability:**

* The user interface should be intuitive and easy to navigate, with a mobile-responsive design.
* Provide clear instructions and feedback to users for interactions within the platform.

**Maintainability:**

* Code should be well-documented and follow best practices for readability and reusability.
* The system should be easy to update and modify, with a modular design to facilitate maintenance and future enhancements.

**Accessibility:**

* Contrast and Color: Ensure sufficient contrast between text and background colors to aid users with visual impairments. Avoid using color alone to convey information, ensuring that information is accessible to users with color blindness.