Github:

https://github.com/AnemiB/SaveAMeal

How to Install:

- Download the files
- Place the `saveameal` folder inside your XAMPP `htdocs` folder
- Create a database called `saveameal` and import the SQL file provided
- Start XAMPP Control Panel
- Start Apache and MySQL
- Enjoy the web application by navigating to `http://localhost/saveameal`

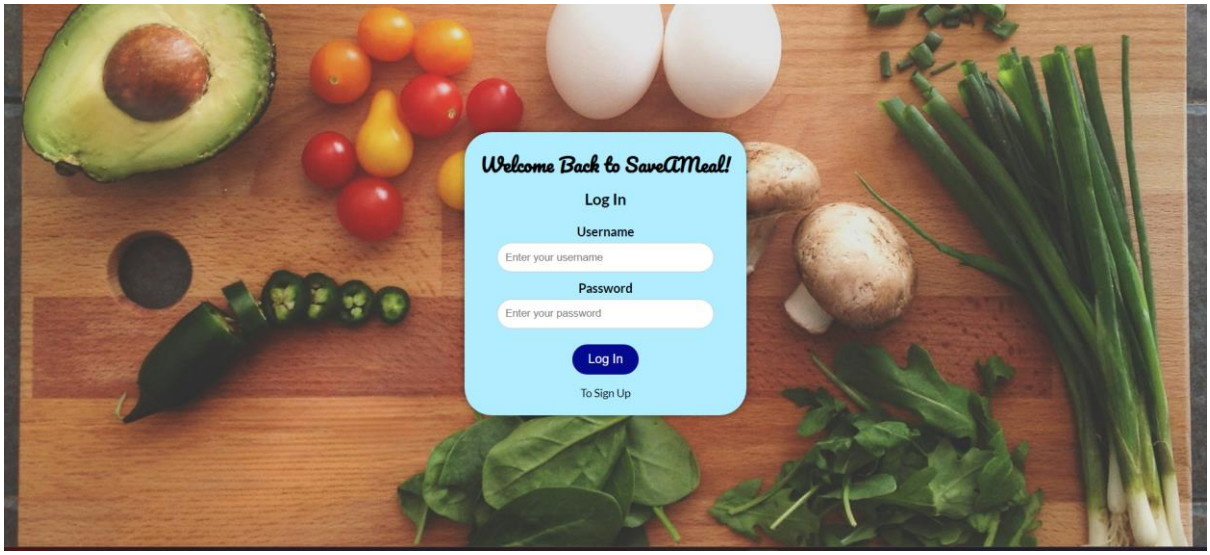
Application Features

1. **User Authentication (Sign In/Sign Up Pages)**:
    - Users can create an account or log in to their existing account. This ensures that only registered users can post meals and leave comments.
    - Passwords will be securely hashed before storage in the database to protect user data.
2. **Home Page**:
    - The home page will display all meals in a grid format, including meal images, names, ingredients, and costs.
    - Users can filter meals based on criteria like cost, preparation time, or calorie count, making it easy to find meals that fit their specific needs.
    - Each meal will have a clickable link to its detailed meal page.
3. **Meal Page**:
    - When a user clicks on a meal, they are directed to the meal page that shows:
        - The user who posted the meal.
        - Name of the meal
        - A photo of the meal.
        - Ingredients, calories, preparation time, and instructions for cooking.
        - Cost of the meal
    - At the bottom of the page, users can view and post comments about the meal, offering feedback or additional tips.
4. **Create Meal Page**:
    - Registered users can create a new meal post by entering details like:
        - Meal name.
        - Total calories.
        - Preparation time.
        - Cooking instructions.
        - Total cost.

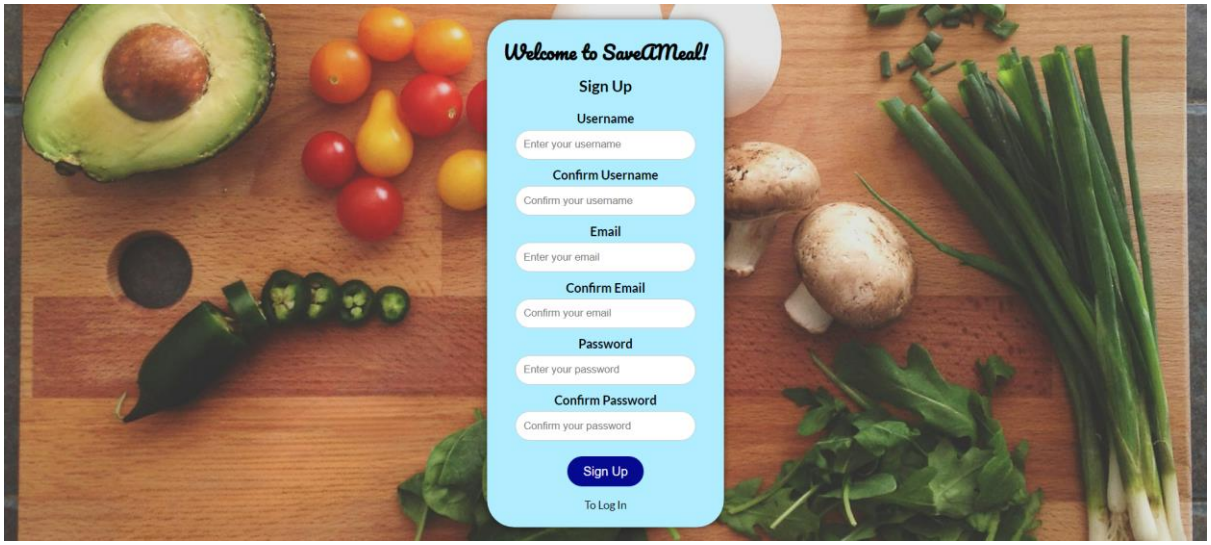
        - Upload a photo of the meal.
    - This meal will then be posted on the home page for others to view.
5. **CRUD Operations**:
    - **Create**: Users can create meal posts, allowing them to sell their budget-friendly meals.
    - **Read**: All users can view meal details on the home page and meal page.
    - **Update**: Users can update their profiles
    - **Delete**: Users can delete their own meal posts if needed, keeping the content relevant and up to date. Admins have the final delete authority.

UI

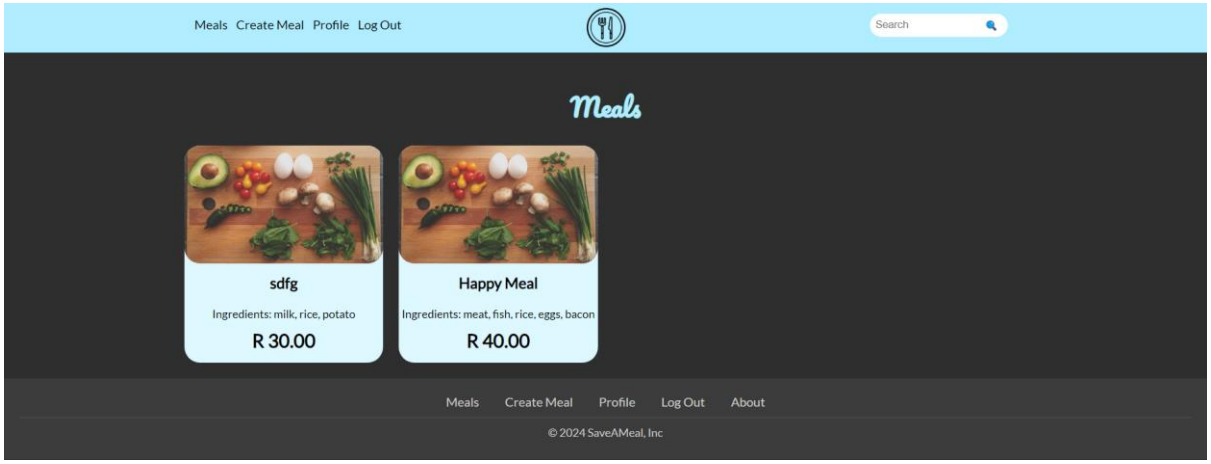
Log In



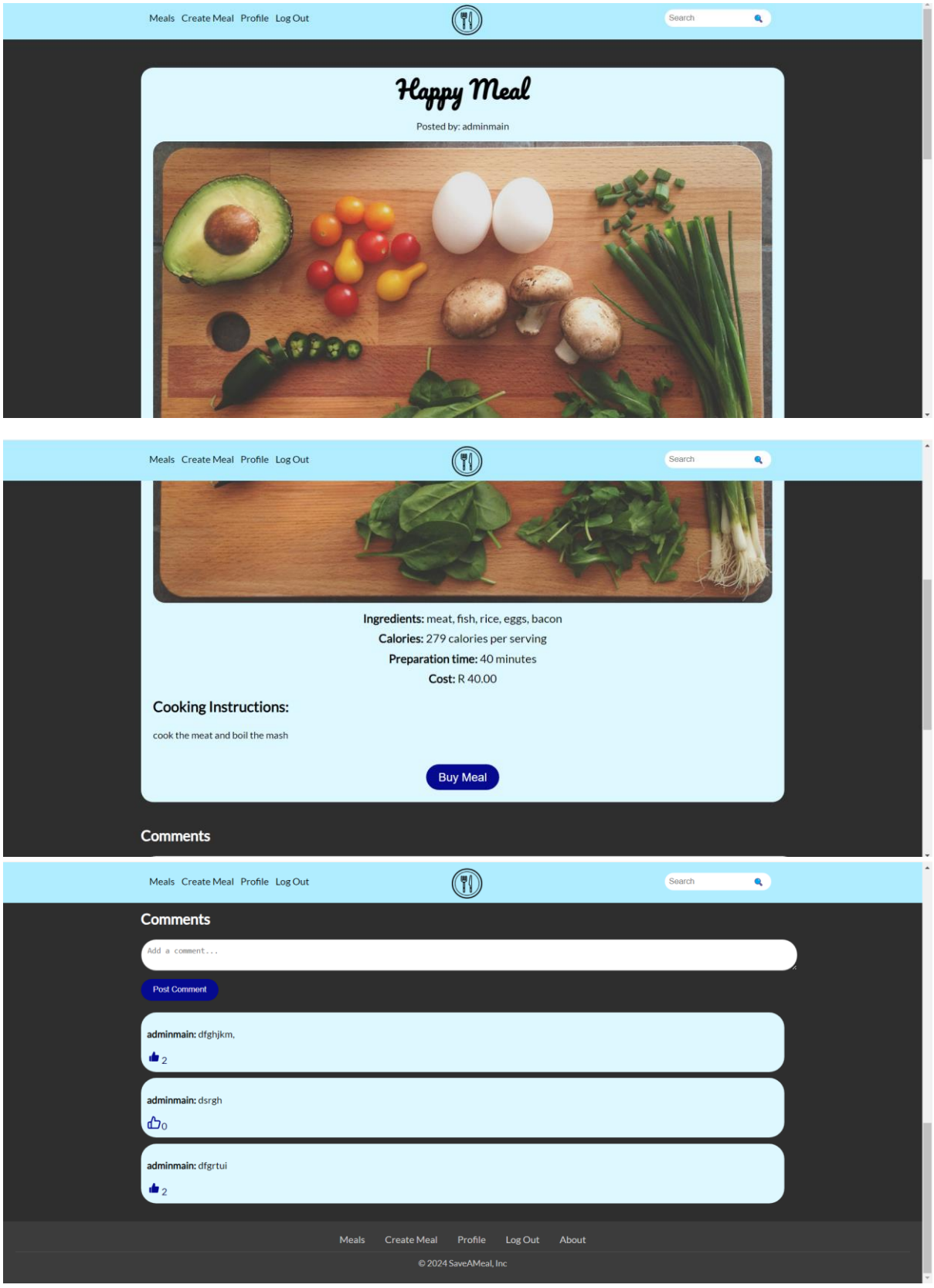
Sign Up



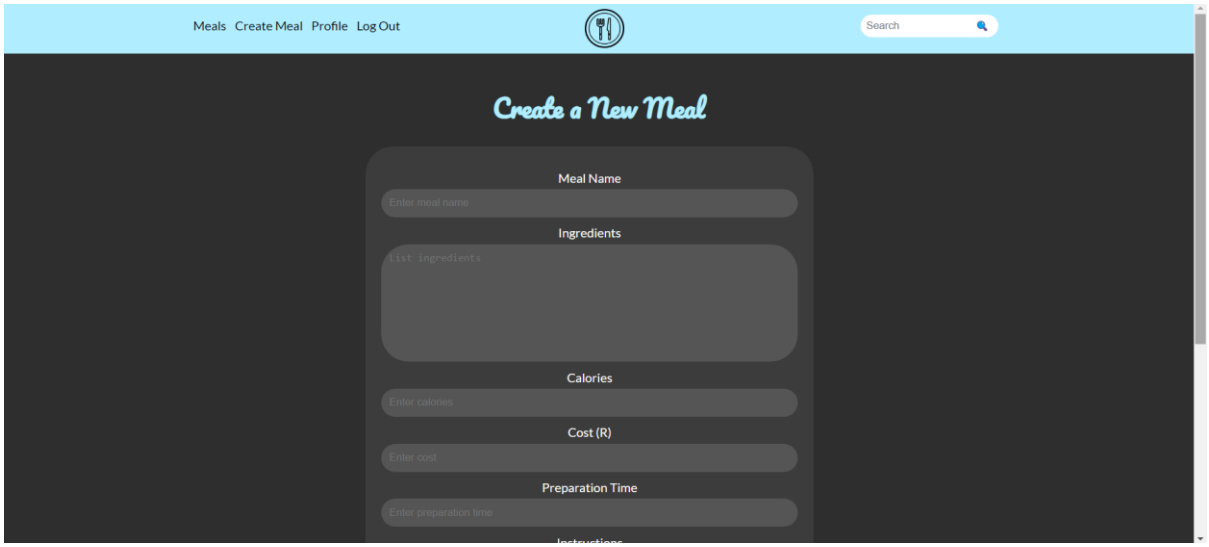
Home- Meals



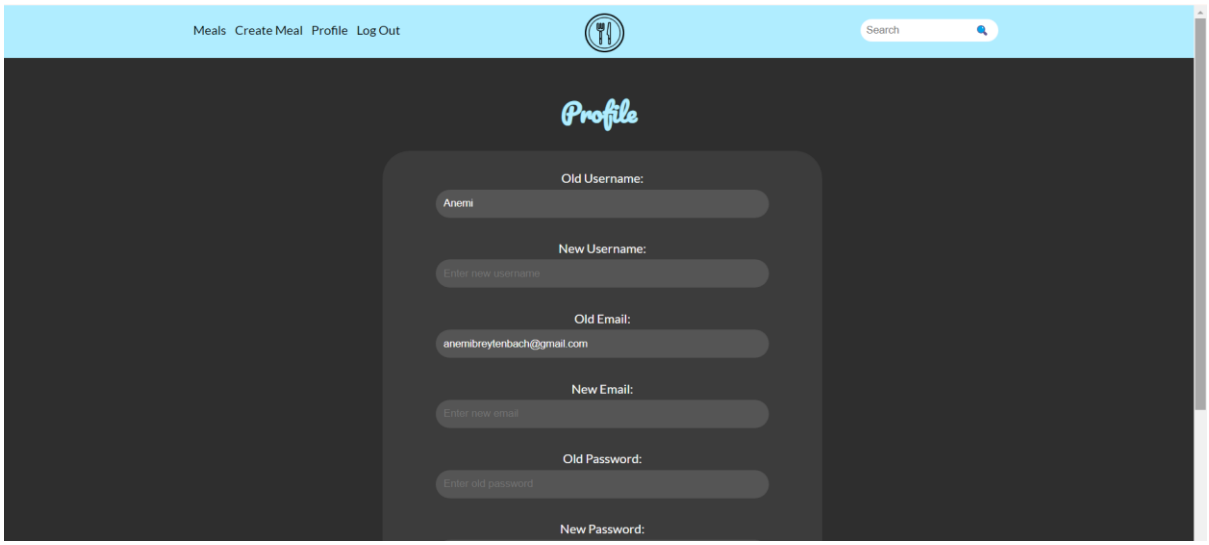
Meal Details


Meals Create Meal Profile Log Out
Search
Happy Meal
Posted by: adminmain
Meals Create Meal Profile Log Out
Search
Ingredients: meat, fish, rice, eggs, bacon
Calories: 279 calories per serving
Preparation time: 40 minutes
Cost: R 40.00
Cooking Instructions:
cook the meat and boil the mash
Buy Meal
Comments
Meals Create Meal Profile Log Out
Search
Comments
Add a comment...
Post Comment
adminmain: dfghjkm,
2
adminmain: dsrgh
0
adminmain: dfgrtui
2
Meals Create Meal Profile Log Out About
© 2024 SaveAMeal, Inc

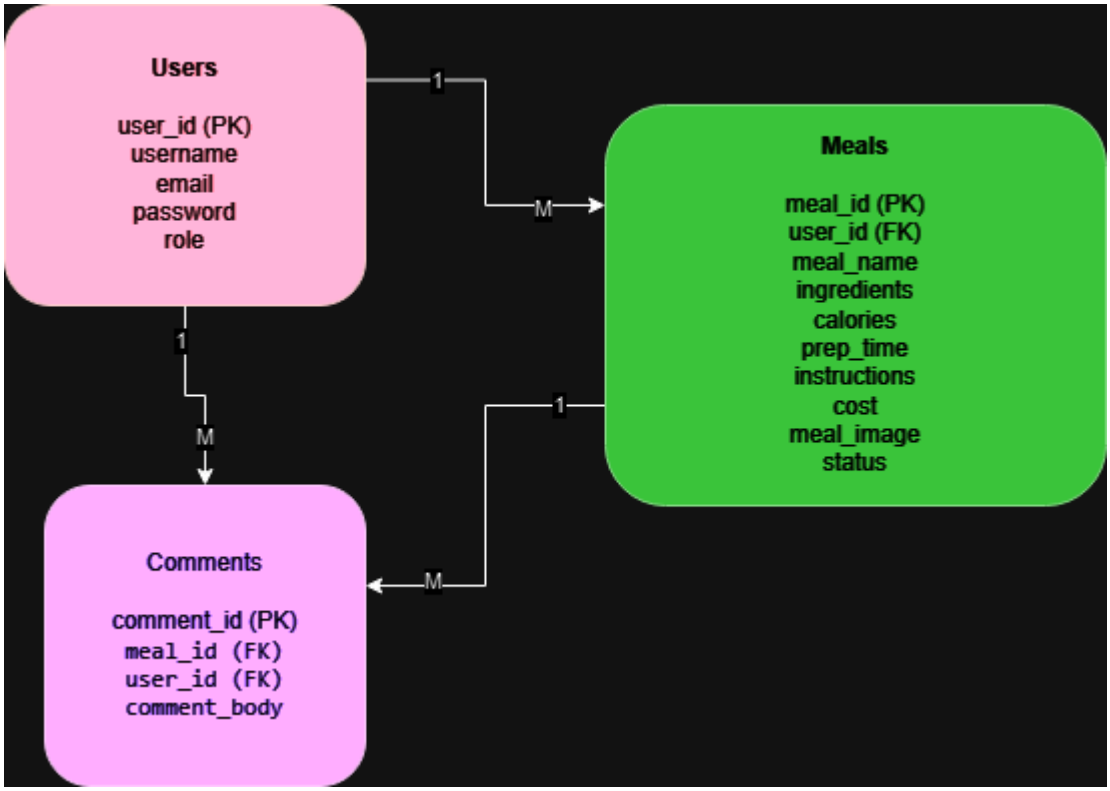
Create Meal


Meals Create Meal Profile Log Out
Search
Create a New Meal
Meal Name
Enter meal name
Ingredients
List ingredients
Calories
Enter calories
Cost (R)
Enter cost
Preparation Time
Enter preparation time

Profile


Meals Create Meal Profile Log Out
Search
Profile
Old Username:
Anemi
New Username:
Enter new username
Old Email:
anemibreytenbach@gmail.com
New Email:
Enter new email
Old Password:
Enter old password
New Password:

ER Diagram


Users
user_id (PK)
username
email
password
role
1
M
Meals
meal_id (PK)
user_id (FK)
meal_name
ingredients
calories
prep_time
instructions
cost
meal_image
status
1
M
1
M
Comments
comment_id (PK)
meal_id (FK)
user_id (FK)
comment_body