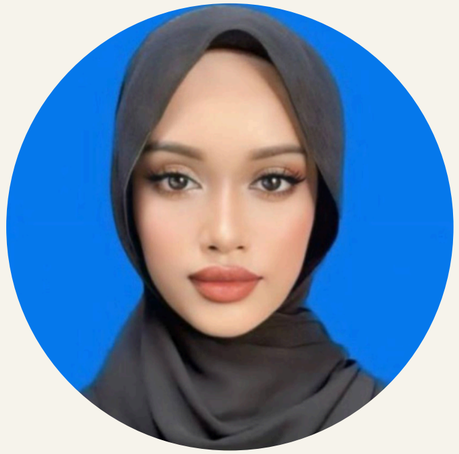
GROUP PROJECT

RECIPE SHARING AND MEAL PLANNING MANAGEMENT SYSTEM

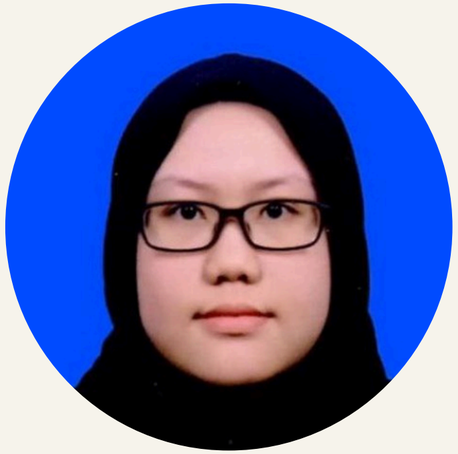
CSC584 | CDCS266 4D

GROUP MEMBER



Nur Syafika Alya

(2023823848)



Nurul Izzati Maisarah

(2023696408)

Nur Athirah

(2023477376)

Nurul Athirah

(2023862756)

CONTENTS

- INTRODUCTION
- OBJECTIVE
- FLOWCHART
- DATABASE DESIGN
- CONCLUSION

INTRODUCTION

Develop a user-friendly website for recipe sharing and meal planning, tailored for individuals in Malaysia seeking efficient and inspiring home cooking solutions.

Problem Analysis:

- Difficulty finding interesting recipes
- Challenges in planning balanced meals daily
- Tracking and organizing culinary repertoire

Solution:

A comprehensive platform integrating:

- Recipe Sharing: Browse and share various delicious recipes
- Meal Planning Tools: Explore meal planning suggestions
- Personalized Dashboards: Track recipes in the system
- CRUD Operations: Create, Read, Update, and Delete recipes and meal plans also profile.

User Experience:

Streamlined discovery, collection and organization of recipes for efficient weekly meal planning.

OBJECTIVE

Simplify Meal Planning:

- Plan meals for breakfast, lunch, snacks, and dinner.
- Create and delete meal plans effortlessly.
- Manage meal plans in one convenient place.

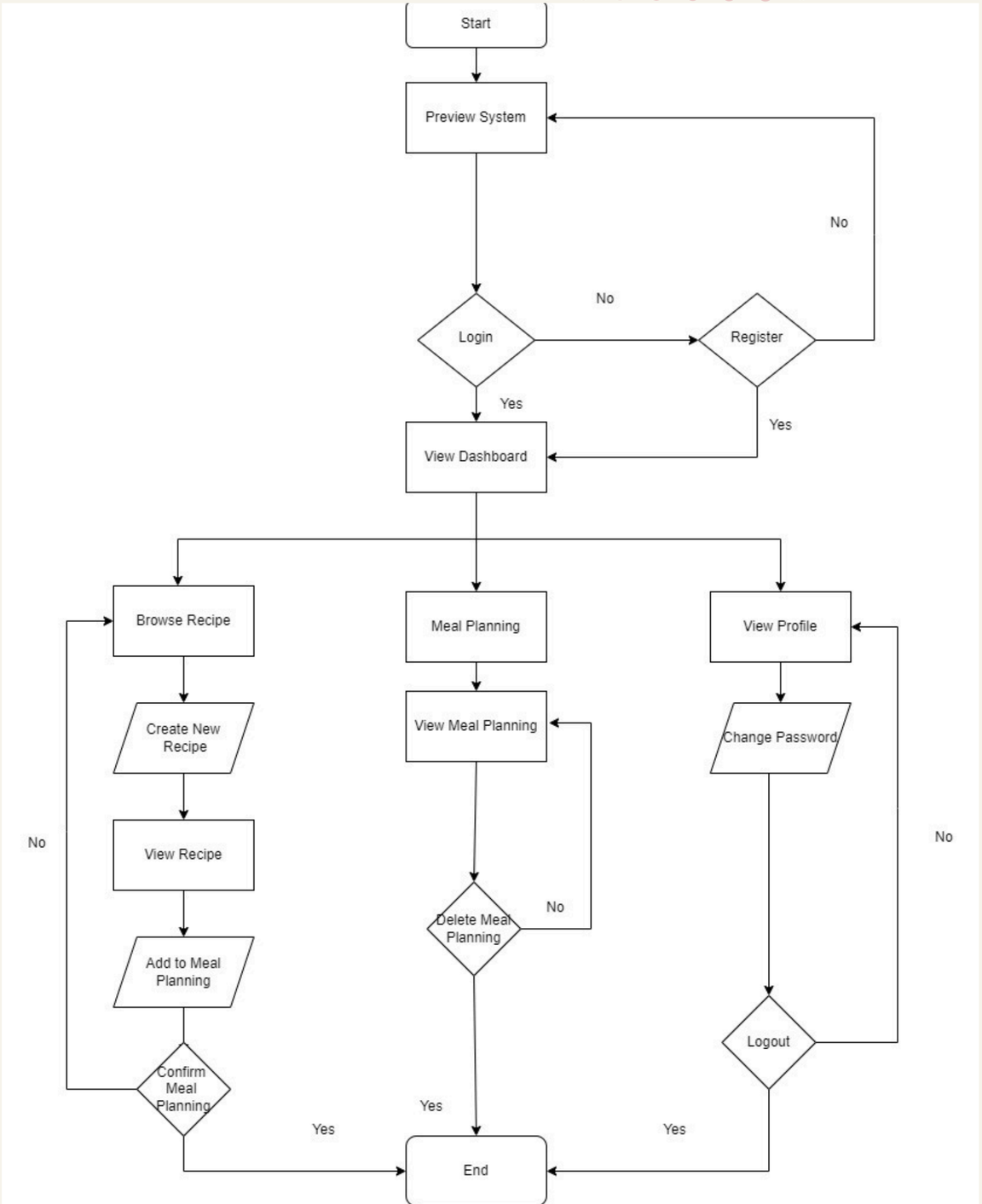
User-Friendly Features:

- Customize meal plans and recipes (create, edit, delete).
- View and manage user profiles.
- Explore variety of interesting recipes.

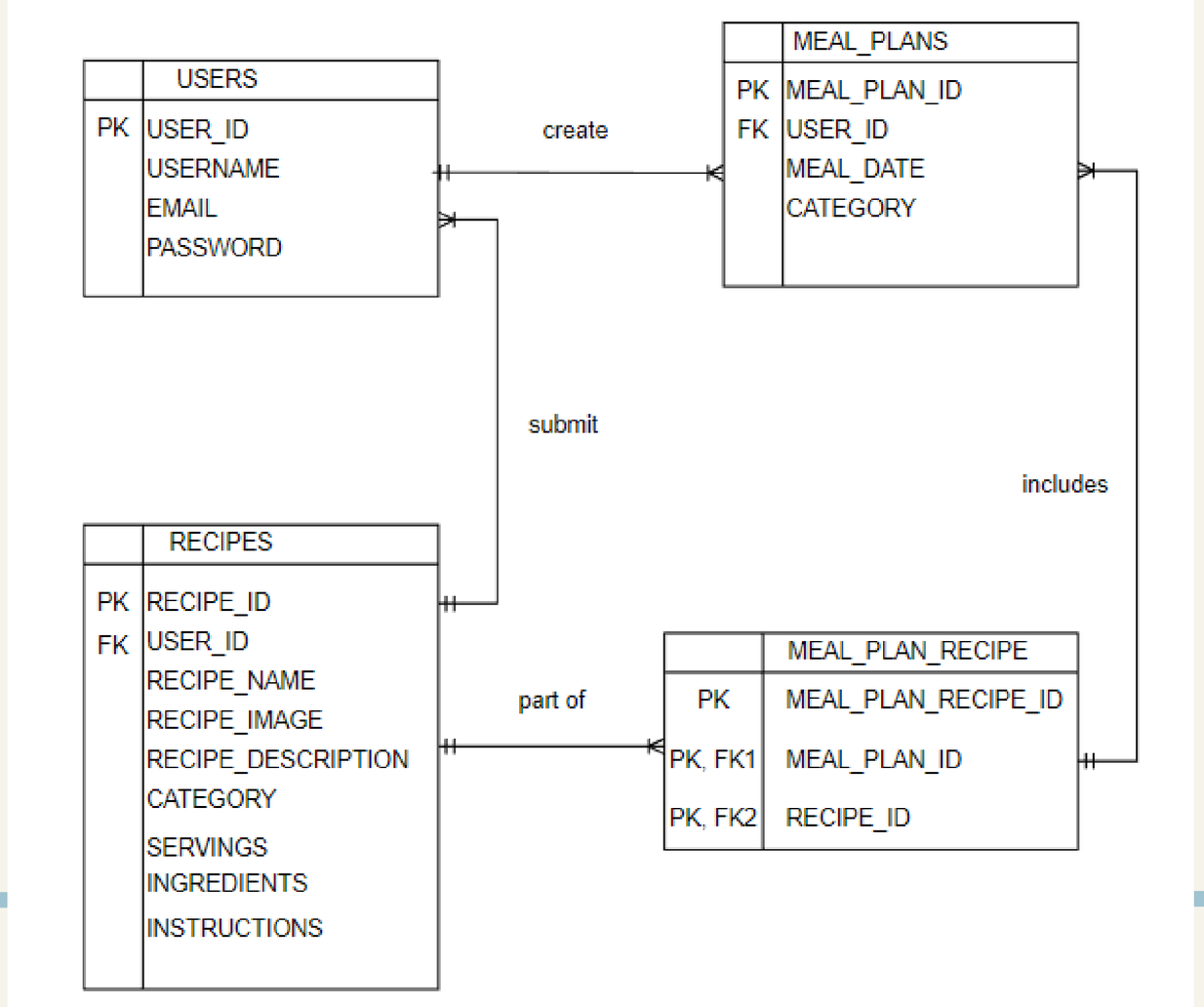
Discover New Meals:

- Share and find new recipes.
- Overcome meal repetition with personalized suggestions

FLOW CHART


Start
Preview System
No
Login
No
Register
Yes
Yes
View Dashboard
Browse Recipe
Meal Planning
View Profile
Create New Recipe
View Meal Planning
Change Password
No
View Recipe
No
Delete Meal Planning
Add to Meal Planning
Logout
Confirm Meal Planning
Yes
Yes
Yes
End

ERD


USERS
PK USER_ID
USERNAME
EMAIL
PASSWORD
create
MEAL_PLANS
PK MEAL_PLAN_ID
FK USER_ID
MEAL_DATE
CATEGORY
submit
includes
RECIPES
PK RECIPE_ID
FK USER_ID
RECIPE_NAME
RECIPE_IMAGE
RECIPE_DESCRIPTION
CATEGORY
SERVINGS
INGREDIENTS
INSTRUCTIONS
part of
MEAL_PLAN_RECIPE
PK MEAL_PLAN_RECIPE_ID
PK, FK1 MEAL_PLAN_ID
PK, FK2 RECIPE_ID

CONCLUSION

Our Recipe Sharing and Meal Planning Management System aims to streamline the culinary experience for users by enabling easy recipe discovery, sharing, and meal planning. Developed by Group Orked, this platform will allow users to manage recipes, create and edit meal plans, and maintain their profiles efficiently. By addressing common challenges in meal planning and recipe management, we hope to inspire and simplify home cooking for users in Malaysia.

THANK YOU