

The background is a dark blue gradient with a subtle pattern of white dots. Overlaid on the left side are several concentric circles and arcs, some with degree markings (140, 150, 160, 170, 180, 190, 200, 210, 220, 230, 240, 250, 260) and arrows indicating a clockwise direction. The main title is centered in a large, white, sans-serif font.

INTERFACE RECIPE PROJECT

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CSC 4370

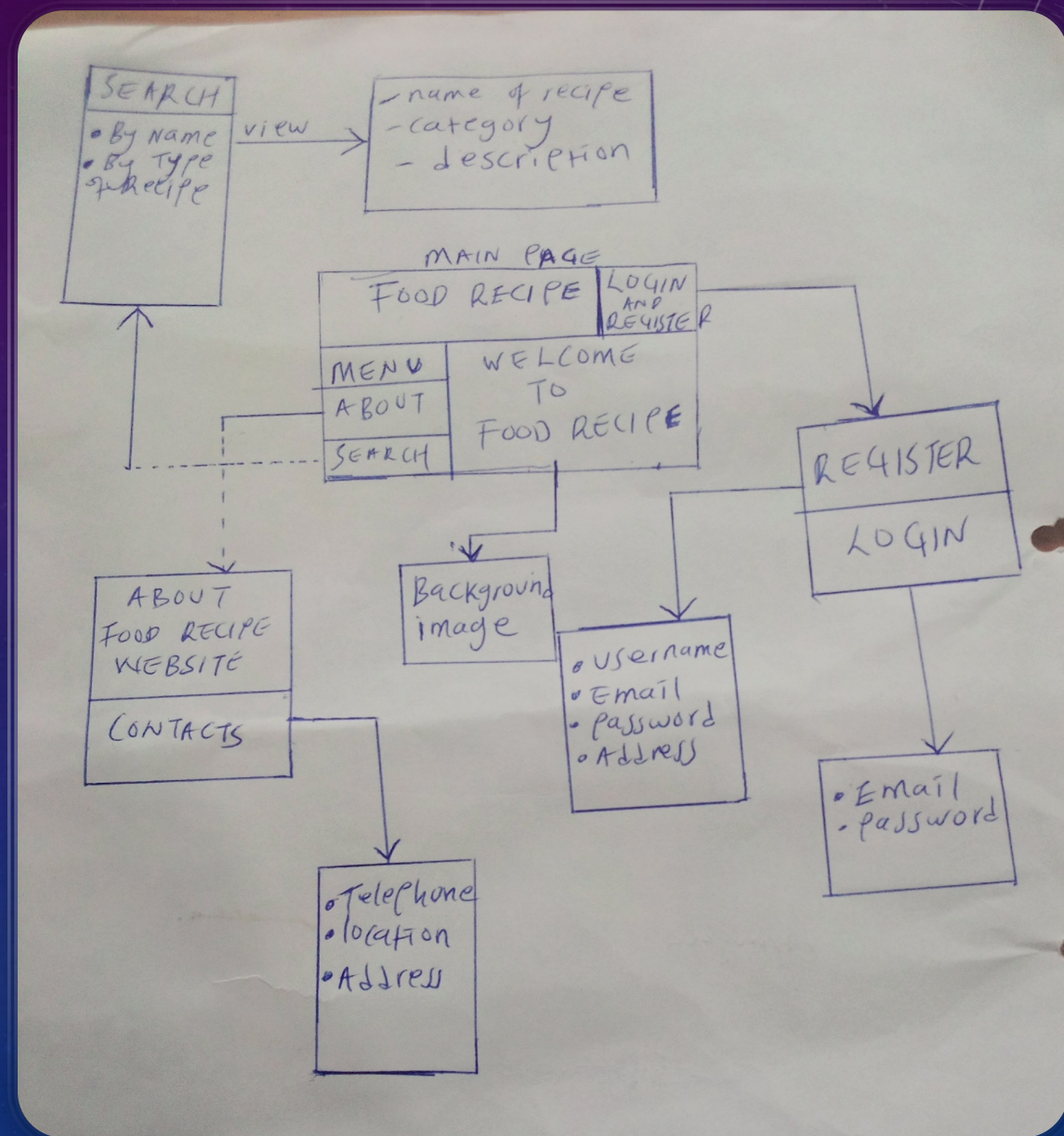
PROTOTYPE FOR RECIPE WEBSITE

- **Problem** : in order to assist users, find a simple recipe website for their own personal use. Currently there are many recipe websites which most of them are too complex for users to understand and use. Most of these websites also don't arrange the recipe in a perfect category hence making it hard for users to find their favorite recipe.
- Also, some of the recipe websites are expensive to use since they require a user to pay in order to find their favorite recipe

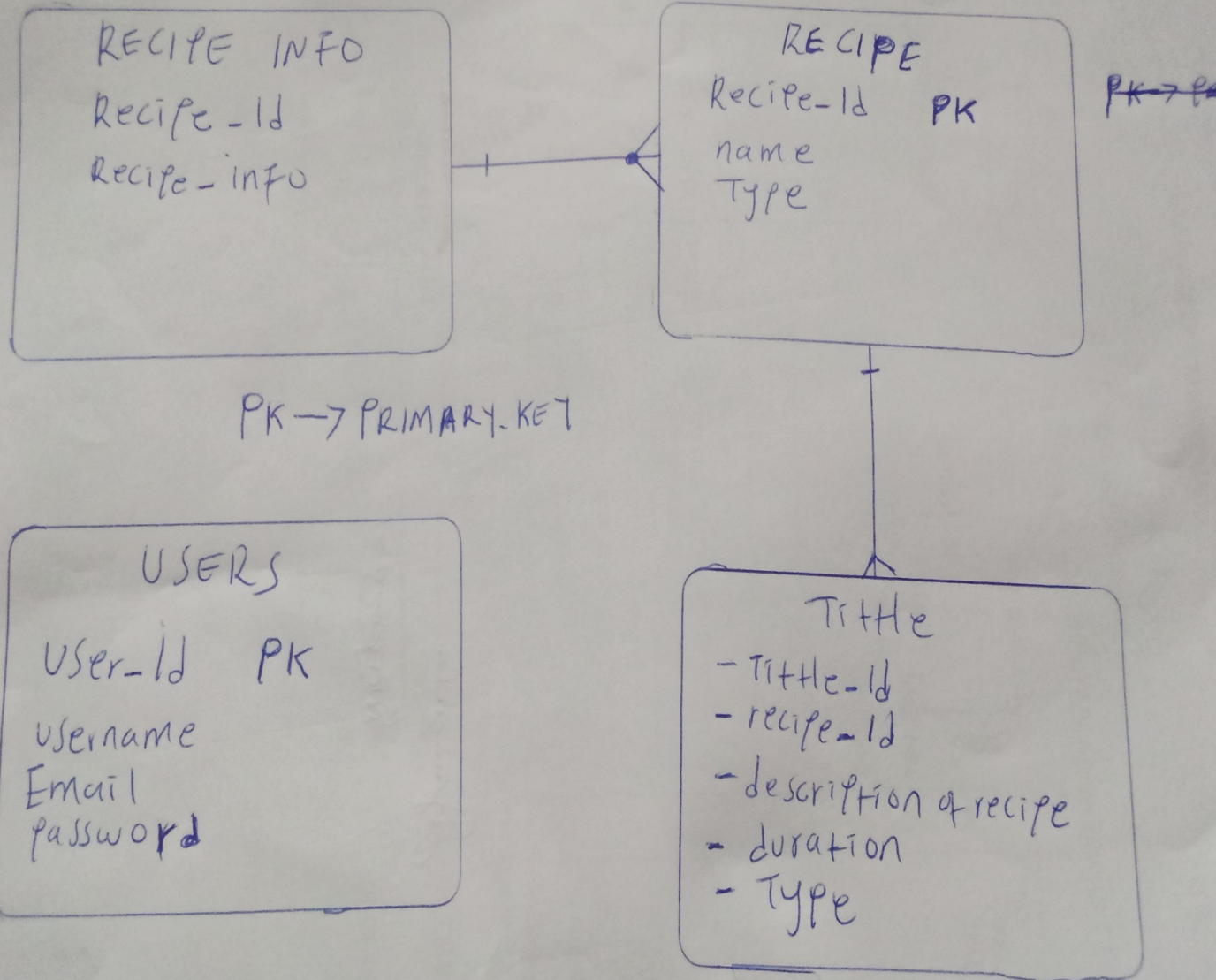
SOLUTION FOR THE PROBLEM

- By providing an easy search for any type of recipe the user will wish to find. The search will allow users find any recipe of their choice, the user will however be required to provide the correct name of the recipe in the search box. The search can be provided with the first or last name of the content. The database to save and provide all types of recipe will be connected to the frontend of the website to enable users access the web resources. Login and Signup for user will be provided in order to allow only authorized users to access the webpages.
- For frontend I will incorporate any standard web framework or pure HTML CSS and JavaScript
- HTML, script files, PHP and MySQL database will be used to make the website. The database and the pages can also be hosted locally using localhost and CS Codd Server

DIAGRAMS OF FRONTEND LAYOUT, SCREENS AND USER INPUT FORMS



DATABASE DESIGN



BACKEND (DATABASE) DESIGN

FUNCTIONALITY OF THE WEBSITE AS A LIST

- **1. Register user** – new users will be required to create an account in order to be able to access the webpages
- **2. Login user** - existing users will be authenticated once they want to access the web pages.
- **3. Search recipe by title:** In order for users to find their favorite recipe they will use the search functionality of the website to find a recipe of there choice.
- **4. Generate recipe-** users will be able to generate recipe(though this functionality will be added later in future version/update of the system)