

Institiúid Teicneolaíochta Cheatharlach



At the Heart of South Leinster

LifeReceitas

Project Proposal

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The title of my project will be LifeReceitas

Brief Description

LifeReceitas is a web app where users can find healthy food recipes. In the app I plan to allow users to see and discover recipes. If a user wants to add new recipes, rate recipes or follow users they will need to create an account. Users can find a variety of recipes from the API database. When users add a new recipe they can also add pictures from the dish recipe.

Technologies

For this project I decided that building a progressive web application is the best approach, because the development cycle is fast and it has nearly the same level of performance and usability that native apps have. In order for me to develop a progressive web application I will need to revise and learn the following technologies:

JavaScript, HTML, CSS, Firebase, React.

Full Description

As explained before the aim of this project is to develop a web application that allows users to search various types of food recipes. Once in the app user can search through all the recipes that are already in the app database and the recipes that other users have added. When users create an account they are then given more permissions within the app, such as adding new recipes to cookbook and sharing to other users, adding other users' recipes to personal cookbook, rating other users' recipes, user can follow other users to keep up to date with latest recipes and many other small features that are going to be implemented as the app life cycle goes on. The purpose is to allow users from all the kinds of cooking skill level to find healthier alternatives to food recipes we love. It doesn't matter if you are a great cook or a terrible one, users are going to find foods/recipes of all kinds.

Mandatory

The features of the app that are required for a pass grade are as follows:

- User can install app in home page
- User can load app
- User scroll through and search for recipes

Discretionary

The features of the app that are required for an honors grade are as follows:

- User can install app in home page
- User can load app
- User scroll through and search for recipes
- User can create an account, edit personal information etc.
- User can add new recipes to cookbook
- Users can share recipes to other users
- User can rate other users' recipes

Exceptional

The features of the app that is required for an honors grade are as follow:

User can install app in home page

User can load app

User scroll through and search for recipes

User can create an account, edit personal information etc.

User can add new recipes to cookbook

Users can share recipes to other users

User can rate other users recipes

User can follow and unfollow other users

User can add other users recipes to cookbook