

# Recipe Community Application

IPT PROJECT PROPOSAL – SPRING'21

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## Group Members

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## Motivation

In today's modern world, people are in dense need of technological solutions to their problems and one of their problems is also how to cook. As we all know that Covid-19 has brought a lot of changes including our way of living. People who used to go to parties are now bound to their homes, people who used to work 8 to 9 hours at their offices are now working from their homes. Similarly, people who never used to cook, who used to go out for lunches and dinners, are now bound to cook food at their home. Now the issue comes, people who did not know how to cook, need a guide now. To solve this issue, rather than using crowded resource such as YouTube or Facebook, we plan to provide a solution that is solely focused to this problem, a recipe app.

## Description

An application where food lovers meet, share their favorite recipes and review recipes for the growth of the community.

A user can add a recipe which would include Title, Image, Description, Instructions, Ingredients List, Time to cook, Recipe type and a recipe source link. A Health Score would be calculated for this recipe based on the Nutrition from the Ingredients.

A user can browse recipes by title, ingredients, health score, reviews score, recipe type (Vegan, Vegetarian, Non-Veg) and can review their recipes.

A user can export a recipe to Excel Sheet, and Shopping Cart inside the application.

A user can publicly request for a recipe. Other members can respond to this request by adding a recipe. Once the response is ready, the user will be notified through notifications.

## User Interface

- Web Interface – React.js
- Mobile Interface – Flutter

## Web Services

- ASP.NET Web APIs (C#)

## Database

- SQL Server

## Azure DevOps

- <https://dev.azure.com/thealifaisal/Recipy>