# Recipe app features

## Common

Ability to add own grocery list

Personalized recommendations

Link to social media / sharing recipes on the app

Nutritional information

## Uncommon:

Ingredient-based Recipes

Dietary customization

Cooking videos as a guide

AI-voice guide

Recipe scaling - recipes change based off food-serving size

Timers – Users can start specific steps after a certain amount of time

# UI/UX design schemes:

Taken from: [Cooking Together — Cooking App. UX Case Study | by Ruchi Singh | Medium](https://medium.com/@singhruchi1011/cooking-together-cooking-app-bfdc92bbfb71)

**Recognition rather than recall**: Minimize user’s memory load by making options visible, meaning user will not have to remember information from one pane to another.

**Flexibility and efficiency of use**: Use accelerators (UI features that speeds up interaction) for users to tailor frequent actions.

**Aesthetic and minimalist design**: Only necessary information in dialogue boxes.

**Help and Documentation**: ability to provide help with documentation, steps on how to use system or form of guidance.

# Choosing dev tools etc.

* Ionic – used for building cross-platform mobile, web apps by using HTML, CSS, and java/typescript
  + Compatible with VS Code and Android studio
* Flutter – mobile UI framework (used for making native apps in iOS and Android)
  + Makes use of the **Dart** programming language
  + Compatible with VS Code and Android Studio
* Live Preview – preview browser when server has not yet been created, does not support modern JS features.
* Live Server – Has live web app review and live browser reload

**APIs to consider**: [Recipe API – 12 Most Popular Recipe APIs [Q3, 2024] (suggestic.com)](https://suggestic.com/blog/recipe-api-ultimate-list)

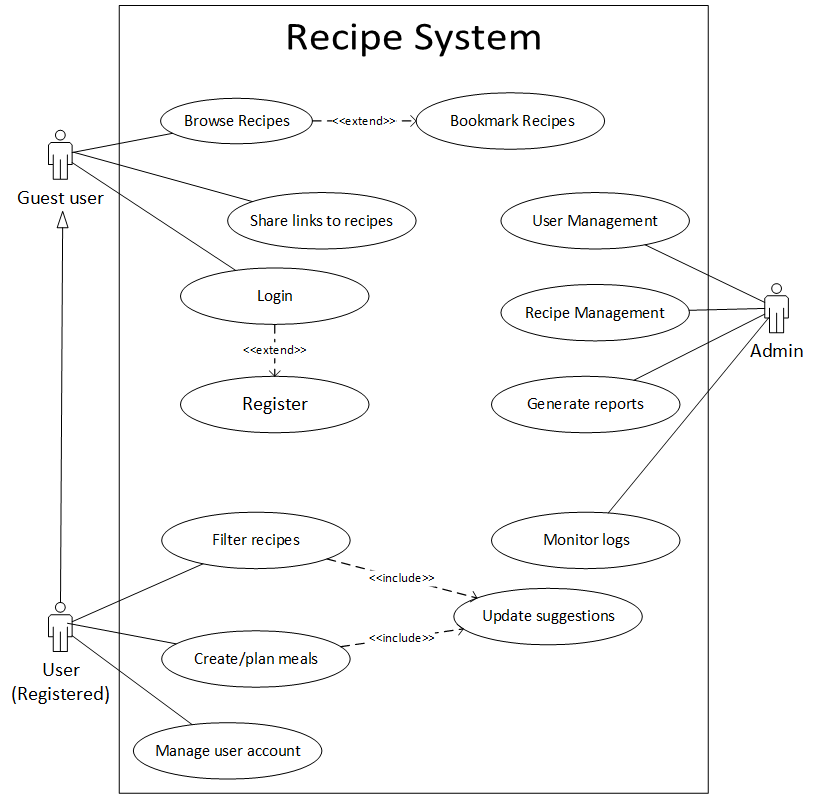
* YouTube API - YouTube videos to be embedded
* Spoonacular API – Free with limited use
* Suggestic Recipe API - create meal plans based off preferences
  + Free for developer version
* Zestful Data API – make recipes searchable and build shopping lists
  + Has a 30 ingredient parses per day free trial
* TheMealDB API – contains a database for multiple recipes
  + Is free and includes instructions, ingredients and images.

## Prototyping:

* Figma – Free with some limitations such as a maximum of 3 projects
* Mockflow – mainly for designing the wireframe
* Canva – Free and allows multiple customizable screens, not sure if buttons can be animated.

# Use Case (draft)

Users:

* Guest user (Unregistered)
  + Browse recipes
  + Bookmark recipes
  + Able to share links to recipes
  + Won’t have personalised meals
* Admin
  + User Management
  + Recipe Management
  + Generate reports
  + Monitor logs
* User (Registered)
  + Login
  + Create and plan meals
  + Possibly leave reviews
  + Manage user account