

# Recipe manager app

An application for writing, viewing, and managing personal recipes.

## Description

My idea for the application is a recipe manager for personal recipes. I want the user to be able to create recipes and to organize them into collections in a similar way that, for example, in Spotify the user can arrange saved songs into playlists.

## Components

The app will make use of:

- Intents
- Fragments
- User layer
  - ViewModel
- RecyclerView for recipe list
- Data layer for database
- Local storage (Room) OR external storage (Firebase)
  - Both if it makes sense to implement

## Features

- Create a recipe
  - The user can create a new recipe which includes:
    - Title
    - Description
    - Ingredients
    - Instructions
- View a recipe
  - The user can view the contents of an existing recipe
- Edit an existing recipe
  - The user can edit any of the fields of an existing recipe
- Delete a recipe
  - The user can delete any recipe
  - This will also remove the recipe from any collections it was present in
- Add a recipe to a collection
  - The user can add a recipe to an existing collection or create a new collection to which the recipe is automatically added
- Search for a recipe
  - The user can search for a recipe by name
- Create a collection
  - The user can create an empty collection with a unique name
- View a collection

- The user can view the recipes in an existing collection
- Edit an existing collection
  - The user can edit an existing collection by
    - Changing the title
    - Removing recipes from the collection
- Delete a collection
  - The user can remove an existing collection
  - This will NOT delete the recipes
- Search for a collection
  - The user can search for a collection by name

## Design

Wireframes of the main screens of the app.

