

Recipe Finder: An Ingredient-Based Recipe Discovery Application



STUDENT ID: BSSE2309755

AFFILIATION: MAL3018 COMPUTING PROJECT

Introduction

Many people, especially home cooks and busy individuals often are struggle with deciding what to cook. This project aims to ease that problems by developing a mobile app that suggests recipes based on the ingredients users already have.

Objectives

1. Develop a user-friendly mobile app for ingredient-based recipe discovery.
2. Allow users to save favorite recipes and plan meals.
3. To support features like cuisine filtering, video tutorials, and favourites.

Problem Statement

- Identifying meals to prepare based on their existing kitchen inventory.
- Saving preferred recipes for future use.
- Managing time effectively when deciding what to cook.

Can try to many recipe



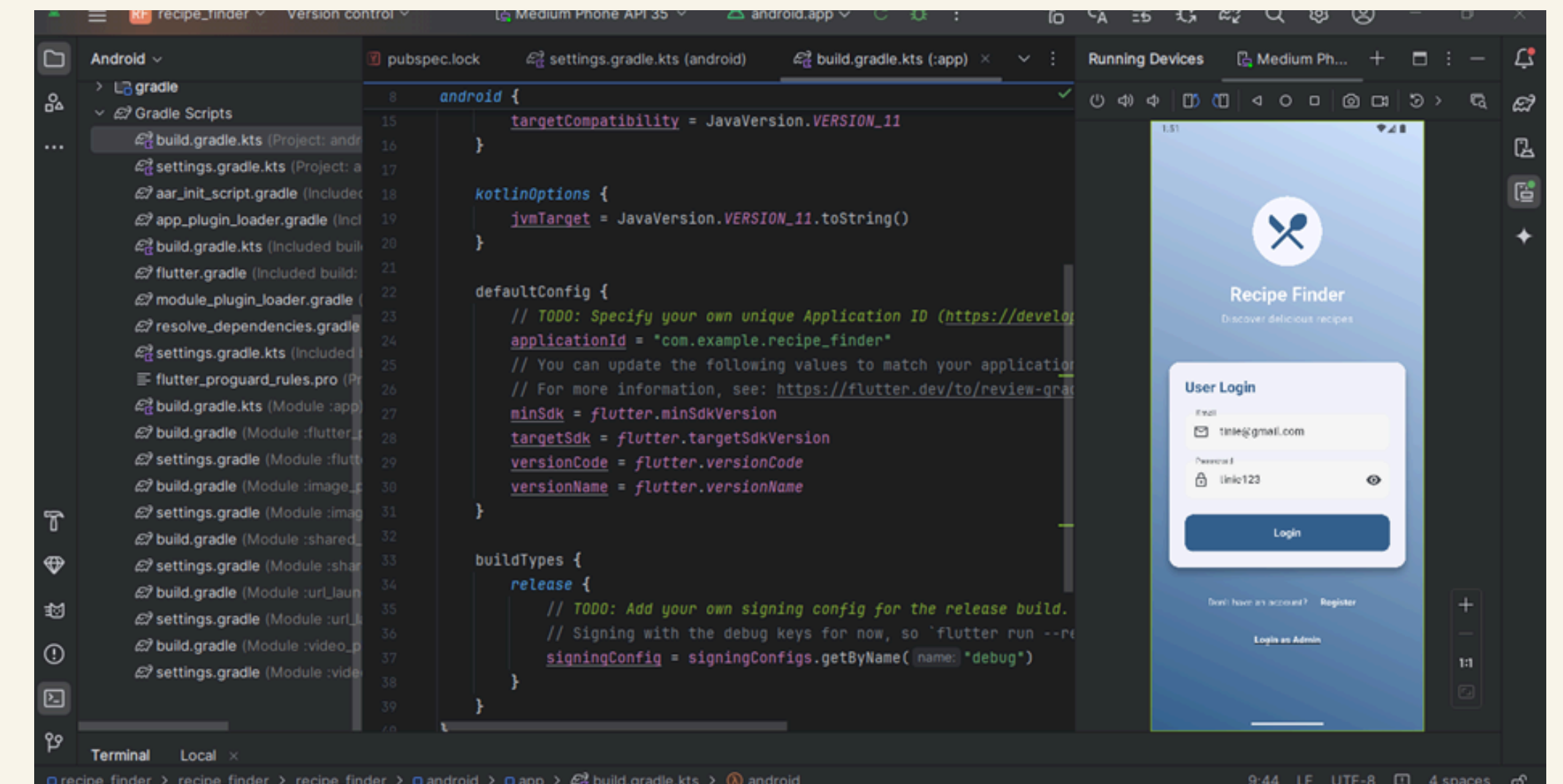
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Results

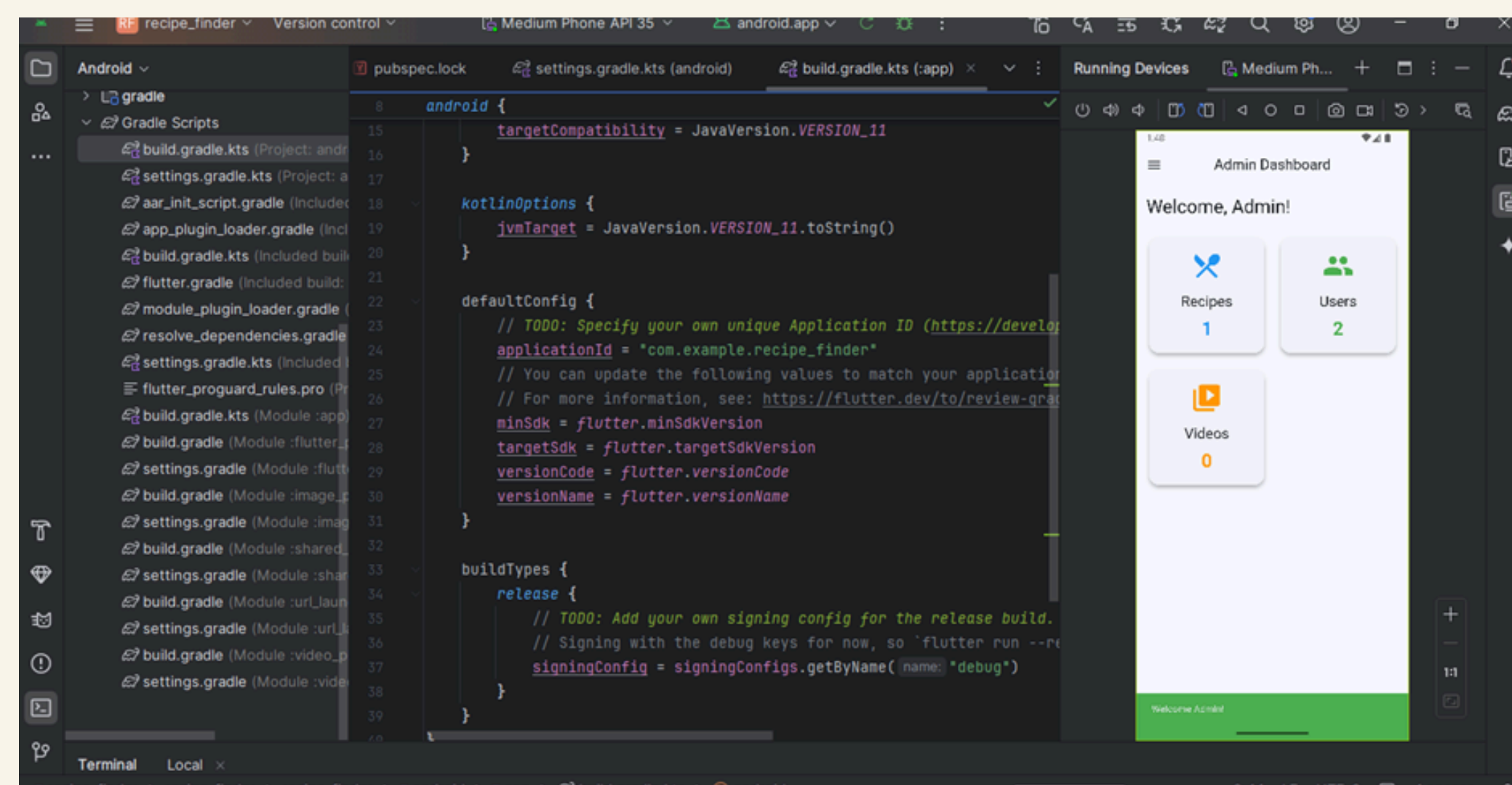
A fully functional mobile app built with Android Studio, Visual Studio Code, and SQL.

Implemented core features:

- User login,register,logout
- Recipe search based on ingredients
- Favourites saving and cuisine filtering
- Admin controls for managing content
- Video tutorials and recipe detail pages



Conclusion



Recipe Finder successfully addresses the need for quick and efficient recipe suggestions. It simplifies cooking decisions and improves the cooking experience for users. The project demonstrates how mobile apps can be used to solve everyday challenges using software development tools and databases.