

Team Name: JK

Team member name: Jingbo Wang, Chengkai Yang

Technical Specifications

- Frontend:
 - Jetpack Compose: For building a dynamic and modern user interface for recipe recommendations and detailed recipe views.
- Backend:
 - Firebase Authentication: Provides a secure and easy way for users to create accounts and log in (The Third Party API, free).
 - Room Database: For offline storage of user preferences, ingredient lists, and cached recipes (Android Jetpack APT).
 - Spoonacular API (or similar): To fetch recipe data based on the user's inputted ingredients and preferences (The Third Party API, free).
 - Firebase Analytics: To track user behavior, preferences, and interactions, - allowing for improved recommendations (The Third Party API, free).
- Other:
 - Push Notifications: Firebase Cloud Messaging to notify users about new recipes or relevant suggestions (The Third Party API, free).