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Tiffiny

Description

The app is about finding nearby tiffin services and to order tiffin on daily basis. The app provides similar functionalities like Zomato, but only which are relevant to tiffin service. The user can see the menu for lunch/dinner. This app helps people living alone to get a better food.

Intended User

People living alone.

Features

Main features of the app are as follow

- Choose location.
- Based on location show list of tiffin services available.
- Mark favorite.
- Rate the tiffin service.
- Provide review.
- See the menu for today.
- Order tiffin.
- (Optional) keep track of the tin box provided to the user.
- (Optional) create a wallet for payment.

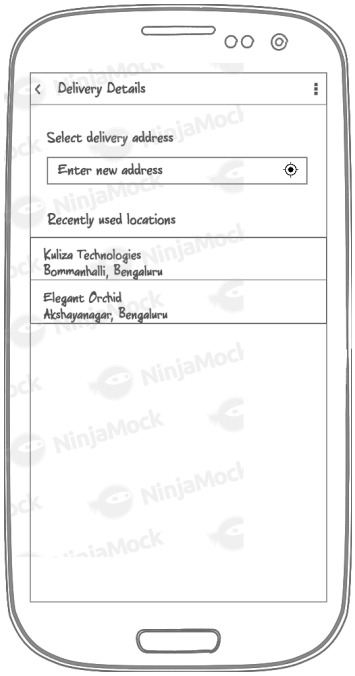
User Interface Mocks

These can be created by hand (take a photo of your drawings and insert them in this flow), or using a program like Google Drawings, www.ninjamock.com, Paper by 53, Photoshop or Balsamiq.

Screen 1: Login

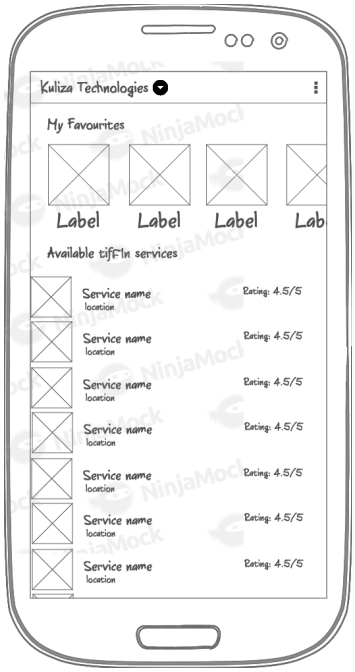
The user logges in with id password.

Screen 2: Delivery details



The user can choose the delivery location.

Screen 3: Tiffin service list

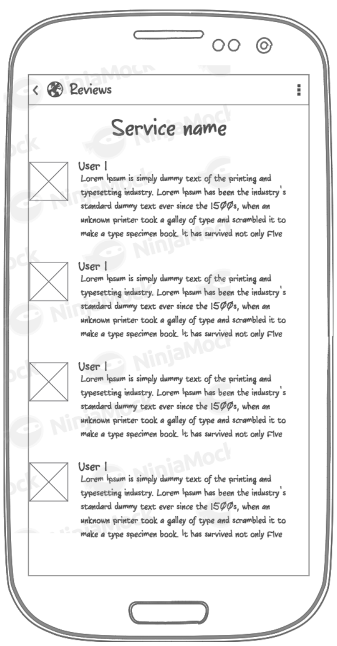


The user can choose the tiffin service from the favorite or the available list

Screen 4: Tiffin service details

The user can look at the photos and the menu and order the tiffins.

Screen 5: Tiffin service reviews



The user can read all the reviews and add their review as well.

Screen 6: Home widget

The user can check today's menu from last tiffin service they have ordered.

Key Considerations

How will your app handle data persistence?

The app will store local data in the SQLite database using Room library. Also, it will use mock REST APIs for various functionalities.

Describe any edge or corner cases in the UX.

Flow will start from delivery details screen for the fresh user and for the returning user the flow will start from the tiffin service list. For the fresh user, the back button will not be there on delivery details.

Describe any libraries you'll be using and share your reasoning for including them.

Android architecture components(version 1.1.1) - data persistency and reactive flow.
Glide/Picasso - Image loading(version 2.71828)
Retrofit - Networking (version 2.4.0)

Admob (version 17.0.0)
Google places/map (version 16.0.0)
AsyncTask/IntentService/SyncAdapter/JobDispatcher (Based on the requirement and latest stable version)

Describe how you will implement Google Play Services or other external services.

The app provides search location functionality so I will have to user google place APIs.

Next Steps: Required Tasks

Task 1: Project Setup

- Project setup using JAVA.
- Configure libraries
- MVP initial setup

Task 2: Implement UI for Each Activity and Fragment

List the subtasks.

- Build UI for Delivery details
- Build UI for Tiffin List
- Build UI for Tiffin Details
- Build UI for Review

Task 3: Adding network calls

The app will be using mock APIs. In this step, the app will connect to this APIs.

Task 4: Store local data

Create a database and store the user information.

Task 5: UI Policing

Policing UI for making the app look good.

Task 6: Testing and bug fixing

Testing the app and fixing bugs.