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FenNaklo

Description

Fenaklo, in Moroccan arabic means where to eat.

Browse curated list of nearby restaurants

Intended User

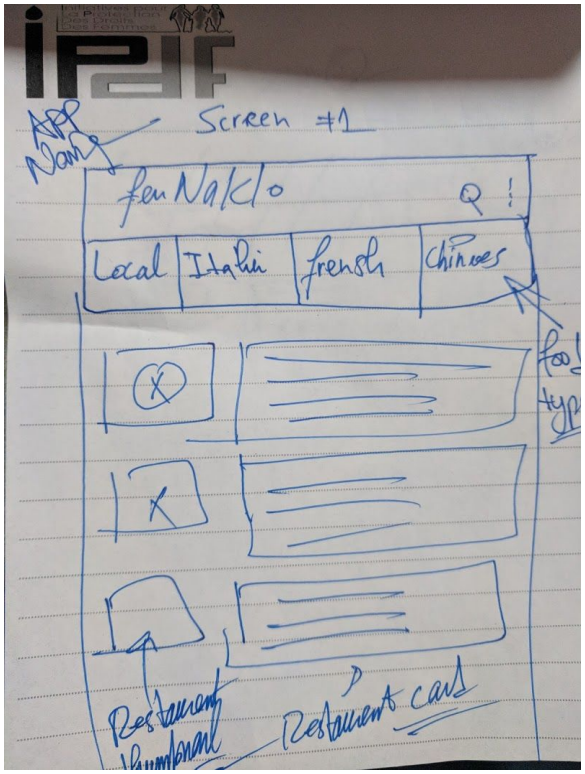
Foodies and anyone who want to taste good food nearby.

Features

- List Restaurants by categories
- View Restaurant Full information
- Check reviews

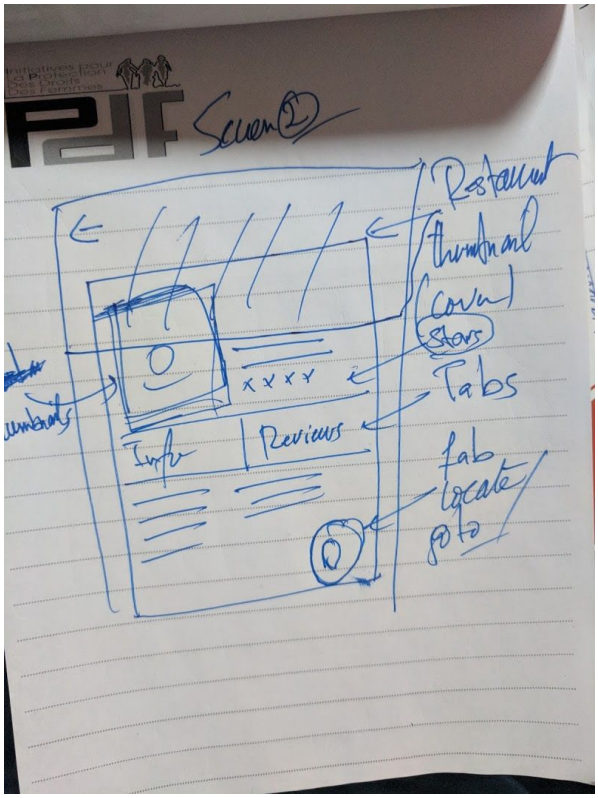
User Interface Mocks

Screen 1



Main screen app contains tabs that represent food types or categories

Screen 2



Details screen contains two tabs first info to show restaurant information : name, rating, location… and second tab for reviews sorted by votes.

Key Considerations

How will your app handle data persistence?

Content provider, I may use schematic library to make the process simpler.

Describe any edge or corner cases in the UX.

I will use animation : transition and parallax

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

- Android Architecture Components 1.0

- RxJava 2
- Android Data Binding
- Dagger 2 with dagger android 2.11
- Retrofit 2.4.0 with Okhttp to talk to consume API requested
- Gson for Json parsing 2.8

For Data Persistence I will use retrofit and RxJava.

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

I will use Google play services :

- Admod to display a banner ads
- Yelp API or Google Places API to retrieve all needed data

Describe how resources will be stored .

All strings, styles and colors will be saved in xml files to ensure localization and support RTL ayouts.

Describe how you will achieve accesbilit :

I will label all UI elemtents using **contentDescription** and have them bigger size to be focusable and clickable.an accessibility test will be done to make the app more accessible.

Next Steps: Required Tasks

This is the section where you can take the main features of your app (declared above) and break them down into tangible technical tasks that you can complete one at a time until you have a finished app.

Task 1: Project Setup

Using Android Studio v 3.1.2 and gradle 4.4

- New AS project
- Configure git
- Configure libraries
- Build variants and flavors
- APK Sign in keys
- Configure all required Android dependencies, SDKs..

Task 2: Project Architecture

Using Android Arch components and Dagger, I will setup the woile main project architecture.

- View Models
- Views
- Repository
- Data sources
- DI : Wire up app dependencies

Task 3 : Implement Main Screen

- Create layout
- Viewmodel setup with data source
- Setup categories tabs

Task 4 : Implement Restaurant list

- Create layout
- Viewmodel setup with data source
- Create card layout to represent a restaurant

Task 5: Implemente restaurant details

When a restaurant is clicked a detail screen appears with 2 tabs : info and reviews

- Create layout
- Viewmodel
- Setup tabs : Info and Reviews

Task 5: Implemente restaurant details : Infos

First tab in the restaurants details screen : informations

- Create layout

- Viewmodel
- Populate data form the chosen restaurant

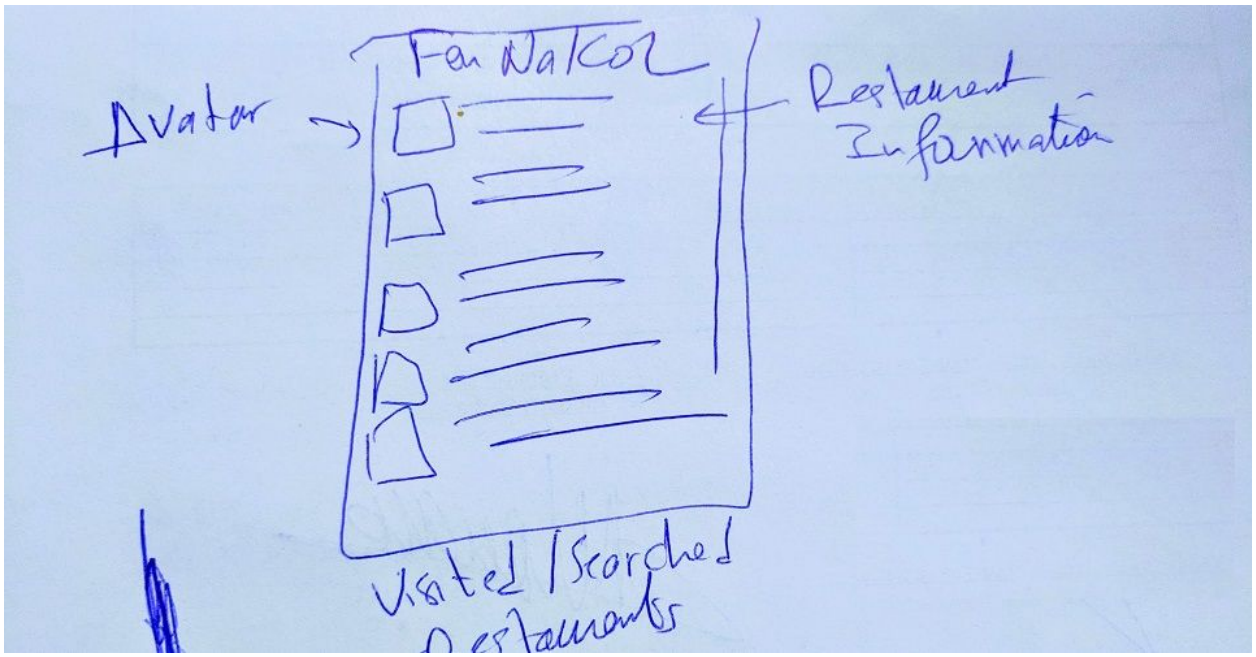
Task 6: Implemente restaurant details : Reviews

First tab in the restaurants details screen : Reviews

- Create layout
- Viewmodel
- Populate data form the chosen restaurant

Task 7: App widget

Create a widget for the app



Task 7: App testing

Some UI and unit tests will be created to test the functionality of the app.

Task 7: App release