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My Arg Menu Planner

Description

"My Arg Menu Planner" is an App with a huge Argentinian DB foods to help you to plan your weekly food menu. You can choose food for lunch and dinner for every day.
You can organize your days with the list of ingredient you should by.
This app came with a lot of Argentinian menus, and you could add a new ones.
Also you can use the Widget so you can remember the food of the day.

Intended User

This App could be used by singles or young couples who work all day and don't have time to think what to eat.

Features

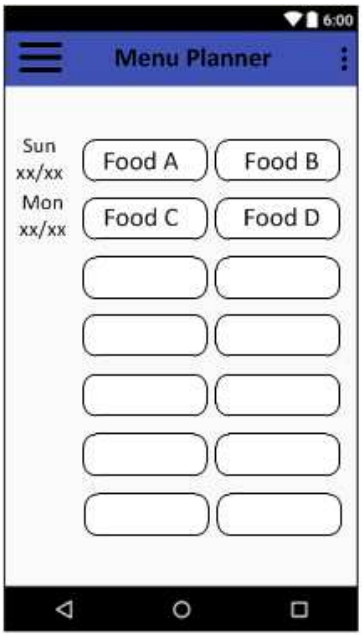
With this app you can perform the following functions:

- Plan your weekly food Menu.
- See you ingredients list and how to prepare the Menu.
- Add new Menu as you want.
- Synchronize with Google Drive so you can share the Menu with someone else.

User Interface Mocks

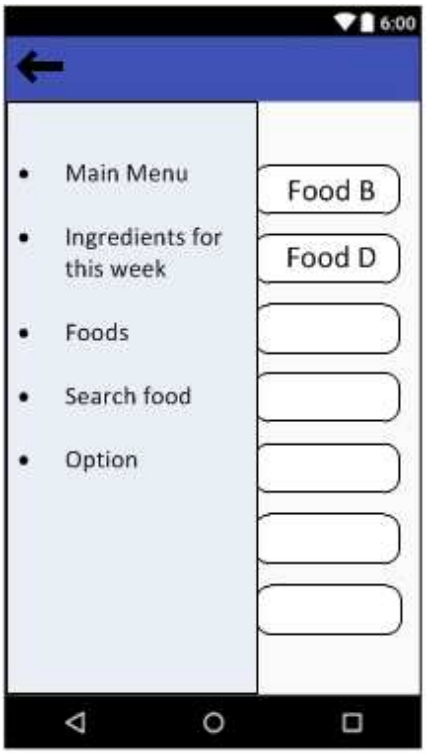
These can be created by hand (take a photo of your drawings and insert them in this flow), or using a program like Photoshop or Balsamiq.

Screen 1



Main activity for Menu Planner. You can see the days of the week with their associated food

Screen 2



Navigation Drawer to select new options.

Screen 3

List of foods. You can click on it and see how to prepare it.

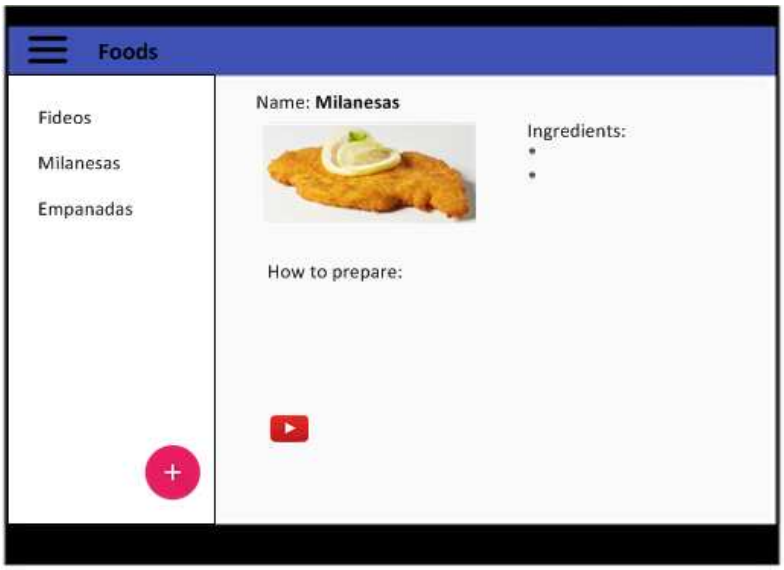
Screen 4

How to prepare the selected food.

Screen 5

List of ingredients for the week.

Screen 6



Tentative UI for Tablet

Key Considerations

How will your app handle data persistence?

I will use a custom Content Provider and then I will send this information to Google Drive in order to share it.

Describe any corner cases in the UX.

In the first part of my app, it would be really basic, I can't figure out this.

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

Maybe Picasso or Glide to handle the loading and caching of images.
I'm probably going to use Butter Knife for easy view binding.
Google play service to integrate with Googe Drive.

Next Steps: Required Tasks

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

Task 1: Project Setup

I will create the project in Android Studio. Then I will add some Gradle dependencies, adding libraries, setting up flavor, implement framework setup, etc. I will try to do my best because this is my full first project.

Task 2: Implement UI for Each Activity and Fragment

- Build UI for MainActivity
- Build UI for DetailActivies.
- Build UI to see list of foods
- Build UI to add some new food Menus.

Task 3: Create a list view

- Implement a list view with some fake elements to see how it works.
- Test scrolling and implement some Material Design recommendation.
- Implement FAB button

Task 4: Create SQLite DB

- Implement SQLite DB with content providers and see how it works.
- Create some fake UI to add, delete or change DB.
- Work with list view created before and see how it works.

Task 5: Implement Navigation Drawer

- Create layout for Navigation Drawer
- Create action for this layour
- Implement UI designed before.

Task 6: Sync with Google Drive

- Create button to sync with Google Drive
- Test and implement google services to work with Drive
- Define and send/receive information from this services

Task 7: Widget

- Create a widget layout to show the food of the day
- Create widget configuration file
- Define widget in manifest.xml.