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Beauty Tips

Description

This app is for you if you are looking for better ways of taking care. It presents recipes for homemade masks, creams and soaps. It explains how to improve health and beauty of your hair and body. It shows how to get the best out of what mother Nature gave us.

You can evaluate each tip, create your list of favourites and add your own tips for the community.
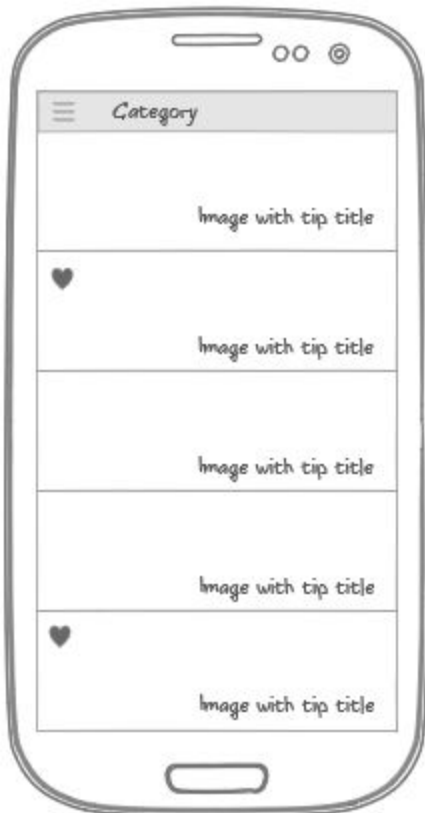
Intended User

Women that are interested in taking care of their beauty.

Features

- Personal list of favourite tips
- Possibility of adding own tips
- Tip evaluation: average of users rating
- Navigation drawer for choosing category
- Notifications about new tips
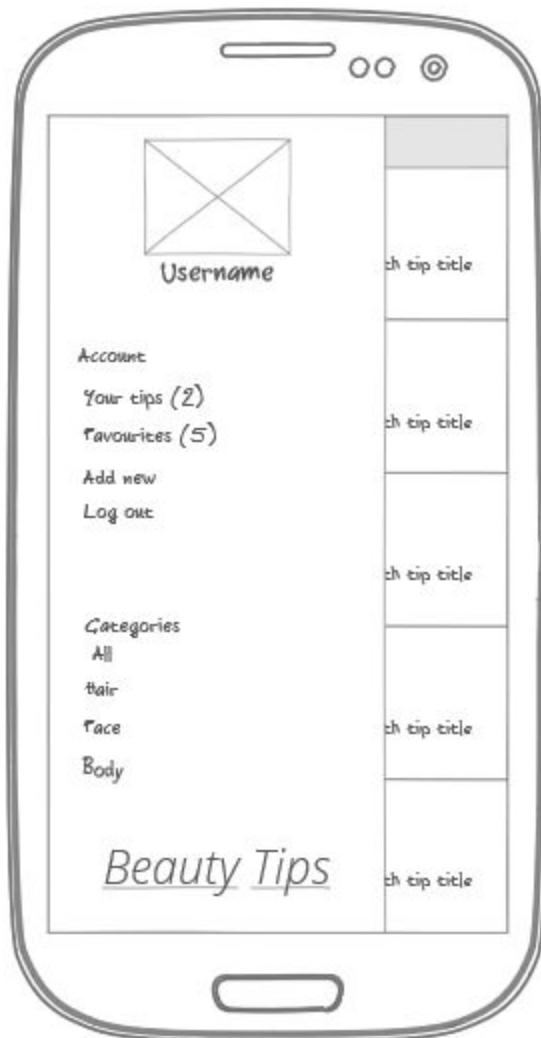- Widget showing one chosen tip

User Interface Mocks

Screen 1

This is start screen for logged in user. It shows list of tips (images with titles). Clicking on image opens description of tip. Filled heart symbolises that tip is in favourites.
Analogically to this screen looks favourites screen, user's tips screen, each category screen.

Screen 2

Username

Account
Your tips (2)
Favourites (5)
Add new
Log out

Categories
All
Hair
Face
Body

Beauty Tips

ch tip title

ch tip title

ch tip title

ch tip title

ch tip title

Navigation Drawer with header. At the top there is user's image and nick, below two sections: account connected elements and app categories. At the bottom if there is place, is located app's logo.
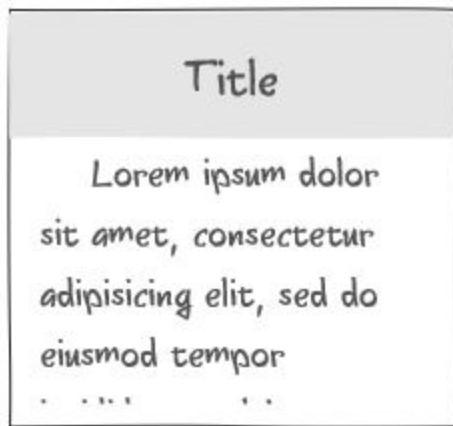
Screen 3

This is description screen that is launching when user clicks image in list. There is Collapsing toolbar with image and title that were on the list. Below there is ingredient list (max. 4, the most important).and description. There is FAB with heart that user can click to add tip to favourites. If tip was created by user, there is his photo and nickname.

Screen 4

This is screen that is launching when user clicks "add new". There is section to insert Title and choose image (by clicking on the background), section to insert ingredients (max. 4) and section to insert description. There is spinner to choose category and FAB with plus sign that user can click to add this tip.

Widget

Widget is informative. It presents one tip's title and description.

Key Considerations

App will be developed in Java programming language.
All strings will be kept in strings.xml file.
All layouts will support RTL switching.

How will your app handle data persistence?

Data will be kept remotely at Firebase Realtime Database and Firebase Storage for pictures.
App will use Room Persistence Library to preserve fetched data. App will use AsyncTask to query Room.

Describe any edge or corner cases in the UX.

Navigation is provided by navigation drawer. When user adds new tip he returns to screen that was launched before.

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

Picasso for loading images
Room for data persistence
ViewModel for Add New Task Activity to survive configuration changes
LiveData to observe changes in Room
Timber for easier logging

Butterknife to bind views
Espresso for testing

Library	Version
Picasso	2.71828
Room	1.1.0
ViewModel	1.1.1
LiveData	1.1.1
Timber	4.7.0
Butterknife	8.8.1
Espresso	3.0.2
Gradle	4.4
Android Studio	3.0

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

I will use Firebase, including: Realtime Database, Storage, Authentication, Notifications.

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: Implement UI for Each Activity and Fragment

- Build UI for List Activity
- Build UI for Detail Activity
- Build Navigation Drawer
- Build UI of login screen
- Build UI for Add New Tip Activity
- Add tests of UI

Task 2: Project app's architecture using Architecture Components

- Implement Room and attach it to Database and Storage
- Implement Repository pattern
- Implement ViewModel

Task 3: Implement Firebase

- Implement Realtime Database
- Implement Storage
- Implement Authentication

Task 5: Implement List Activity and all categories

- Implement general list for all tips
- Implement categories and attach them to navigation drawer
- Implement LiveData
- Add tests

Task 6: Implement Detail Activity logic

Task 7: Implement Add Task Activity logic

Task 8: Implement Widget