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Wallpaper App

Description

The main purpose of the app is downloading photos from the website directly instead of I searching google on that website to start downloading, What I'm trying to say I make it easier for the user to download the photos from it via an application.

Intended User

For anyone who would like to use photos as a background or wallpaper in the main screen of the device.

Features

List the main features of your app. For example:

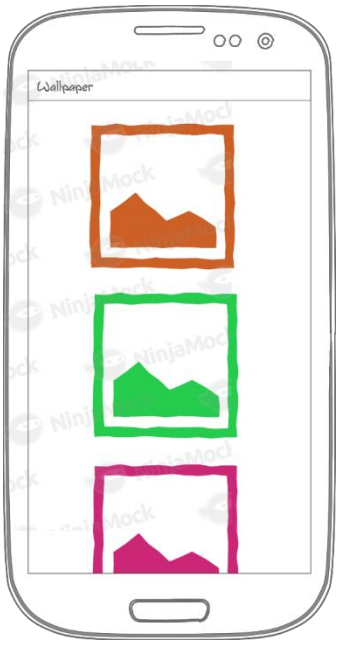
- New images daily on the device
- Browsing those image on the device
- Selecting any image you want to:

1- Preview

2- Download
3- Share
4- Save on the device

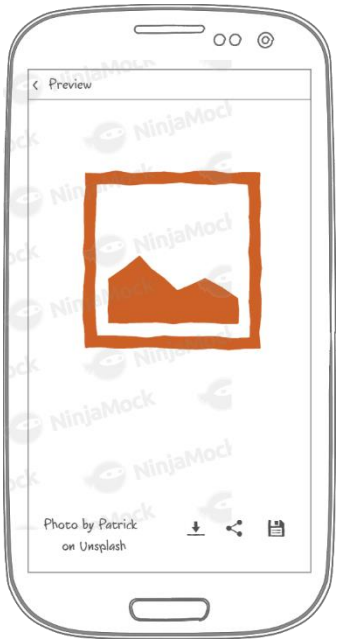
User Interface Mocks

Screen 1



Main Screen to browsing the images.

Screen 2



Preview Screen for each image the user click on it.

Screen 3

Favorite Screen If the user decide to save it in the app.

Screen 4

The layout of the widget

Key Considerations

How will your app handle data persistence?

I'll use room library to handle data persistence.

Describe any edge or corner cases in the UX.

For back button as example, when user click on it, it will go the last activity the user open it.

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

- Picasso to handle the loading and caching of images.
- Butterknife to save typing repetitive lines of code and making our code look a lot cleaner.
- RecyclerView to deal with the list items and their efficiency in performance.
- Retrofit to deal with http requests of network operations.
- Espresso to test all aspects of the UI.

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

I'll use admob from google play api and google analytics from firebase.

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

Write out the steps you will take to setup and/or configure this project. See previous implementation guides for an example.

You may want to list the subtasks. For example:

- Design the UI
- Prepare the resources like string, colors, pics, etc

Task 2: Implement UI for Each Activity and Fragment

- Prepare the setup of the network operation.
- Prepare the setup of the databases
- Stage of the programming.

Submission Instructions

- After you've completed all the sections, download this document as a PDF [File → Download as PDF]
    - Make sure the PDF is named "**Capstone_Stage1.pdf**"
- Submit the PDF as a zip or in a GitHub project repo using the project submission portal

If using GitHub:

- Create a new GitHub repo for the capstone. Name it "**Capstone Project**"
- Add this document to your repo. Make sure it's named "**Capstone_Stage1.pdf**"