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Health Plus

Description

Common problem that people face these days is to manage their health records. Whenever a person visits a doctor, he/she gets a prescription and lab reports which are paper documents and in the long run these documents accumulates into a large set of files.
This app makes patients life easy by allowing them to manage and share their data anytime. It will store their files on cloud so that they can access them anytime.

Intended User

Who is your intended user? (For example, is this an app for dog owners? Families? Students? Travelers?
Patients, Health providers

Features

List the main features of your app. For example:

- Saves patients prescriptions and lab reports on cloud (Google Drive or Firebase storage)
- Takes pictures or import images from gallery

- Share reports
- Google/Facebook Sign In

User Interface Mocks

Screen 1

Sign In using Google or Facebook to uniquely identify a user so that their records can be maintained on the server.

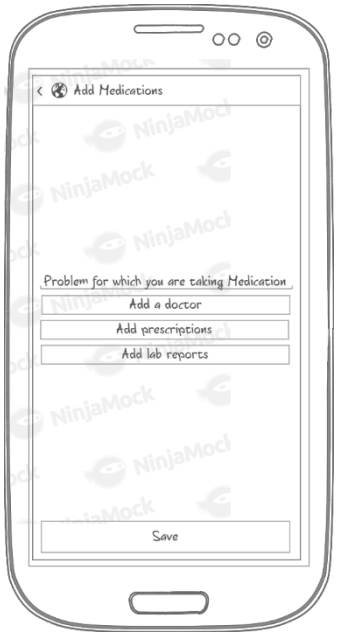
Screen 2

Navigation Drawer to easily access different options

Screen 3

Initially there will be no more medication info for patient. So show a screen to add the data

Screen 4

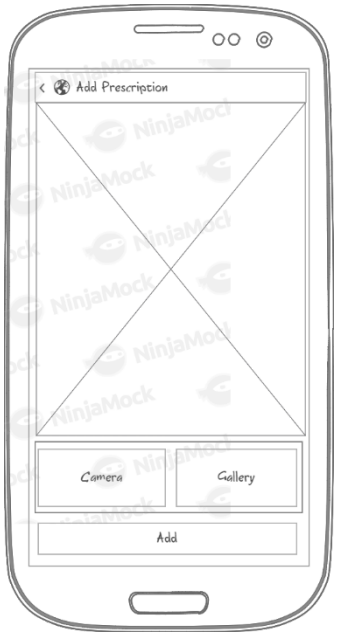


Add a screen to ask the user to enter the doctor info, prescription and reports related to medication. After all the information is entered and user presses Save button. Upload the files on Firebase Storage

Screen 5

Add doctor information – Name, Hospital/Clinic, Phone Number

Screen 6

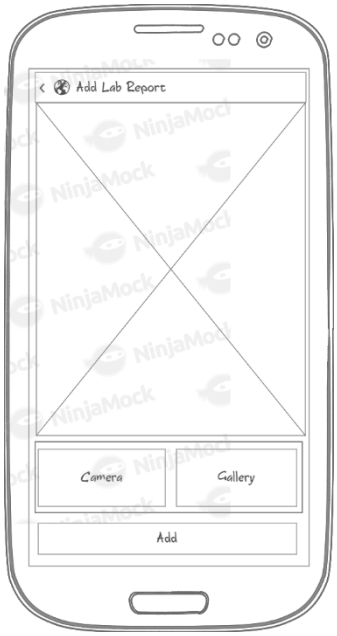


Add prescriptions from camera or gallery. Prescriptions can be images or pdf files

Screen 7

After adding all the information user can see his records like this sorted by date in which record is added.

Screen 8



Add lab reports from camera or gallery. Reports can be images or pdf files

Key Considerations

How will your app handle data persistence?

Data persistence will be handled using Content Provider with Sqlite as a database source.

Describe any corner cases in the UX.

For example, how does the user return to a Now Playing screen in a media player if they hit the back button?

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

Glide library to handle the loading and caching of images.
Firebase library to upload user data.
Firebase Authentication library for Google and Facebook

Next Steps: Required Tasks

Task 1: Project Setup

- Configure libraries
- Create sqlite database file to include in project

If it helps, imagine you are describing these tasks to a friend who wants to follow along and build this app with you.

Task 2: Implement UI for Each Activity and Fragment

- Build UI for Activities and Fragments to support phones and tablets

Task 3: Implement Firebase Authentication

- Add Firebase Auth library and implement Google / Facebook Sign In

Task 4: Write a logic to upload files on Firebase Storage

- Implement Firebase storage to save files on the cloud