

TECHNICAL ASSESSMENT

SENIOR ANDROID DEVELOPER

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PROJECT DESCRIPTION

Patient Education proved to deliver better patient results by helping them get more insights on their conditions and possible diagnosis, and therefore helping them adhere to medication and treatment regimens and make decisions towards a healthier life.

As part of your assessment, you are asked to build a prototype of three pages of an Android Mobile Application. The app is intended for patients that are experiencing symptoms and having their heart remotely monitored as prescribed by the doctor.

During their diagnosis journey, your application delivers educational material to patients categorized in programs. To keep the patient engaged, they will have a score card that will show them their progress in their education journey.

Please propose and create an algorithm for scoring using parameters you see fit.

Each program consists of one or multiple articles and videos. Articles are in PDF formats and Videos can be uploaded to YouTube but must be visualized in the application.

There is also a section that shows the patients the latest visualized articles or videos where they can continue reading or watching

Bonus: Google fit integration to collect data, and visualize it in a user-friendly way

DETAILED DESIGN

1. Main Page

The main page is the first page that the patient can see, where all the information resides including their score, history, and the list of programs.

Figure 1 below shows the expected design with the sample data.

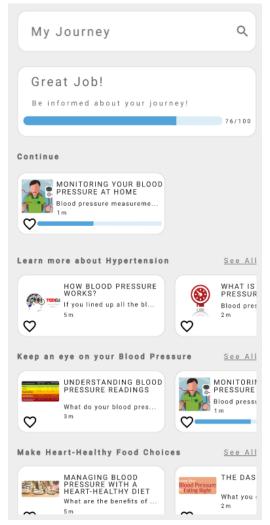


FIGURE 1

2. Video Player

The Video Player page allows the patient to see the video as shown in the Figure 2 below.



FIGURE 2

3. PDF Viewer

The PDF Viewer is intended to view the PDF articles saved locally on the phone as shown in the Figure 3 below.



FIGURE 3