Alternate Solutions

The scope of the MediBooki project identifies MediBooki-approved service locations, services, providers, service area, and target population.

# MediBooki is defined as a location where providers are located:

- The patient can book any doctor through the website

- Conducting face-to-face visits with patients and documenting those encounters in the patients' medical records.

- Patients can be diagnosed and treated themselves.

- X-rays and analyzes can be uploaded to the site, and the patient's condition can be diagnosed through x-rays

- The provision of services through or on behalf of the MediBooki website, which means that the health center's board of directors must have control and authority over the services provided at the site.

- Providing services on a regular schedule.

There are a number of different approaches that are now open for the developer. As we are developing and Web applications, there are following approaches from which best can be selected by developing team:

Native:

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**Native (Front-end developing):**

The default way of developing on web (Front-end) is to write native code for each device – usually Html, CSS, Bootstrap, JavaScript for Web Application.

React Native:

The release of React Native gave us the ability to write JavaScript code (with React syntax) that

used entirely native widgets. This takes away a major limitation of older hybrid apps but can still

suffer performance issues due to reliance on the JavaScript 'bridge'

**Angular:**

The release of Angular gave us the ability to write JavaScript code (with Typescript syntax) which use completely native UI elements. This improves design architecture, promotes code reuse, faster application development, and handles dependencies.

**Rest API in Angular:**

API (Application Programming Interface) in Angular is a set of global JavaScript functions used for the purpose of carrying out common tasks such as comparing objects, iterating objects, and converting data.

**Native (Back-end developing):**

The default way of developing on the web (Front-end) is to write native code for each device – usually PHP, Database (MySQL), JSON for Web Application.

**Laravel:**

Laravel is a web application framework with expressive, elegant syntax. this offers superior start-up times and app performance. we’ve already laid the foundation

**MySQL:**

MySQL is a relational database management system that uses SQL and allows you to handle, store, modify and delete data and store data in an organized way and offers support for multiple storage engines along with plug-in storage, making it more flexible.