

Mobile Application For Book Store

Project Proposal



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**Background**

Readers Book store is an emerging store all over in Canada, in 2014 the first was open at Vancouver, growth of the store was unexpected, now they have stores in other provinces and opening a new store in Toronto. Readers provides a best ambience to the customers, they can even lend books from there, it’s almost operate like a library, for them customers are more important than everything. Now they are thinking about a 24/7 working hours to makes their customers to read and purchase at any time. They are planning to create a web application for that.

**Outcome**

The Company want to provide the same facilities on the web application as the store provides to the people, they came up with this plans due to the customer reviews, some of them can’t reach at store and seniors also want to purchase books from them. Web application should be user friendly, Secured and there shouldn’t be any other advertisement on the application, must be available 24/7, and supports the online payment. Our company Team5 has an experience in developing mobile application for many institution, we have developed mobile banking apps, and mobile diaries that can store events, reminders etc. We are hoping to meet all the business requirements of the Readers book store. Mobile application will open to the customers for 24 hours as a part of e commerce, there will be remote monitoring tool for the backup support. As a part of privacy and concerns each user will have user name and password, there will be guest check out for non-members which can be accessed by mail address.

**Hypothesis**

After the completion of this project the users can buy, read, sell, and return their book via mobile app this will make the company to stand alone than the others and saves the customers time without any privacy concerns, In the following year there will be new innovations provides in the application such as finger print access etc.

**Application Structure:**

Software: Android Studio 2.2, JSON Technology

Functional elements:

The main functional elements include the user to login to the app store with their username and password. User could add the books to the cart and they can check out from there. Admin can add books to the database. User can read the details about the books user selects.

Testing and Maintenance:

Testing will be provided in every iteration to make sure the efficiency of the project remains same. Maintenance will be done every two weeks to make sure that our app is secure for the user and the function are working fine.

Operational:

After the app is pushed to the production environment, our development team will give a full support to make sure the app running successfully in the production. Updates will be provided every two months to keep the app efficient and to fix the bugs.