



Shahjalal University of Science and Technology, Sylhet.

Project Proposal:

Android based mobile application 'Online Book Library'

Course Code: MIT-560

Course Title: Project

Submitted to:

Prof. Mohammad Abdullah Al Mumin

Director

Institute of Information and Communication Technology

Shahjalal University of Science and Technology, Sylhet.

Submitted by:

Chitra kormoker

Reg. No: 2019822016

2nd Batch, MIT, IICT

Shahjalal University of Science and Technology, Sylhet.

Submission Date:

19th October, 2020

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To

The Director

Institute of Information and Communication Technology

Shahjalal University of Science and Technology, Sylhet.

Subject: An application for seeking permission to approve the project proposal.

Sir,

With due respect and humble submission to state that I would like to inform you that I am a student of MIT, IICT, SUST. For achieving the degree of masters in MIT, I need to complete a project. So, I am interested to make an android based mobile application 'Online Book Library'.

I, therefore pray and hope that you would be kind enough to grant me my project proposal.

I remain,

Sir

Your most obediently

Chitra Kormoker (Reg. No: 2019822016)

2nd Batch, MIT, IICT

Shahjalal University of Science and Technology, Sylhet.

Introduction:

Books are wonderful companions. Books belong to various genres, and therefore we have a wide spectrum to choose from to read and enjoy and understand. They can take us on voyages to unexplored areas of the world as also of the mind and the spirit. Books can take us back in time through historical material or into the future through science fiction.

It is seen that the books are categorized according to the types. From a book shop, we can buy different types of books such as text books, story books, novels, dictionaries, science fiction books etc. for any educational institutions like school, college or university. Sometimes it is difficult to go to shop for buying books. But an online book store is a virtual store on the Internet where people can browse catalogs and select books of interest. They can also read any book online without buying book just using smartphones. After reading books, user can suggest about interested books for others by giving ratings and reviews books.

If peoples want to collect or read online books, they can helpful by this application.

Objectives:

The main motive is to develop this app for those who are very interested to collect or read books online. The best feature for this app is to provide 'Geetabitan' and 'Swarabitan notation' online version for Rabindrasangeet artists. Because Geetabitan and Swarabitan are only available on hard copy. Also I think that this app will benefit for all.

This application has some features which describe as follows:

- Provides registration and log in system for users.
- Manages and shows the information and description for all the books in different category according to the types.
- Provides easily export PDF for books.
- Download books for offline reading.
- Provides rating system for suggest books.
- Provides review system by commenting.

By completing this project, I wish to achieve good skills regarding app developing work and real life software developing production.

Preferred Devices and Technologies:

Devices: Computer/Laptop, smartphone.

Software: Android studio.

Database: Firebase.