PROJECT SYNOPSIS

**STUDENT POCKET BOOK**

**(Improving access to educational resources for students)**



**Developed By**

**Goutam Jain 220970040**

**Rohan Kamath 220970005**

**Karthik M 220970022**

**Ronson Danthy 220970003**

**Kaushik M R 220970037**

**Shrinidhi 220970038**

**MCA 2nd Semester**

**Lab batch - 1**

**INTRODUCTION:**

Welcome to the digital library of our esteemed university, where you can explore a vast collection of e-books from a wide range of subjects. As an academic institution, we believe that reading is an essential component of learning and personal growth. Our library has curated a collection of e-books to provide our students, faculty, and staff with access to the latest research, insights, and perspectives on various subjects. Our user-friendly interface and intuitive search system make it easy for you to find the books you need and discover new ones. So, start exploring and enrich your learning experience with our e-books.

**MOTIVATION:**

The motivation behind our e-book project is to provide a digital library of e-books, we aim to create an environment that fosters intellectual curiosity, innovation, and lifelong learning. Additionally, our e-book project is a reflection of our commitment to sustainability and reducing our carbon footprint. By transitioning to digital books, we aim to reduce paper waste, energy consumption, and transportation emissions, which are all significant contributors to environmental degradation. Overall, we believe that our e-book project aligns with our university's values of promoting academic excellence and being responsible stewards of the environment.

**OBJECTIVES:**

* + Enhance the learning experience.
  + Promote sustainability
  + Facilitate research
  + Foster a culture of innovation
  + Improve accessibility and encourage lifelong learning.

**TECHNOLOGY USED:**

The Web Application will be built using following technologies:

* **UI/UX:** Figma
* **Front-End:** HTML5, CSS3, Bootstrap5, JavaScript
* **Middle–Tier:** *Xampp:* Apache server
* **Back–End:** PHP & MySql database

**MODULES AND FUNCTIONAL REQUIREMENTS:**

* **Admin Module**

Approval/rejection of books

Add/edit existing books

Track users and faculties

* **Faculty Module**

Add/edit branches

Add/edit authors

* **Student Module**

View and download books

**ROLE OF INDIVIDUAL MEMBERS:**

|  |  |
| --- | --- |
| Goutam Jain | Team Lead and Frontend Developer |
| Rohan Kamath | Lead Frontend and Backend Developer |
| Karthik M | Frontend Developer |
| Ronson Danthy | Backend Developer |
| Kaushik M R | Backend Developer |
| Shrinidhi | Backend Developer |

### CONCLUSION:

In conclusion, our student pocket book project aims to provide our university community with a comprehensive digital library of e-books that can support academic and personal growth, promote sustainability, and foster a culture of innovation. The proposed modules for the project include a vast e-book collection, user account management, annotations and note-taking, accessibility features, user engagement and recommendations, e-book management and publishing, integration with other systems, and e-book downloading. These modules aim to create a seamless and user-friendly experience for our community while providing them with the flexibility and convenience of accessing digital resources. Overall, we believe that this e-book project aligns with our university's values and vision of promoting academic excellence, innovation, and responsible stewardship of the environment.