VISVESVARAYA TECHNOLOGICAL UNIVERSITY

"JnanaSangama", Belgaum -590014, Karnataka.

PROJECT WORK-1 REPORT
on

PROJECT TITLE

Submitted by

AKSHAYA DEEP PRASAD (1BM19CS013)
ASHUTOSH UPADHYAY(1BM19CS027)
DARSHAN NINGTHOUJAM(1BM19CS041)
DIVYANSHU JHANWAR (1BM19CS053)

Under the Guidance of
Rekha G S
Assistant Professor, BMSCE

in partial fulfillment for the award of the degree of
BACHELOR OF ENGINEERING
in
COMPUTER SCIENCE AND ENGINEERING

B.M.S. COLLEGE OF ENGINEERING
(Autonomous Institution under VTU)
BENGALURU-560019
Sep-2020 to Jan-2021

B. M. S. College of Engineering,
Bull Temple Road, Bangalore 560019
(Affiliated To Visvesvaraya Technological University, Belgaum)

Department of Computer Science and Engineering

<u>CERTIFICATE</u>

This is to certify that the project work entitled "**ONLINE LIBRARY MANAGEMENT SYSTEM**" carried out by **AKSHAYA DEEP PRASAD (1BM19CS013), ASHUTOSH UPADHYAY (1BM19CS027), DARSHAN NINGTHOUJAM (1BM19CS041) AND DIVYANSHU JHANWAR (1BM19CS053)** who are bonafide students of **B. M. S. College of Engineering.** It is in partial fulfillment for the award of **Bachelor of Engineering in Computer Science and Engineering** of the Visveswaraiah Technological University, Belgaum during the year 2020-2021. The project report has been approved as it satisfies the academic requirements in respect of **Project Work-1 (19CS3PWPW1)** work prescribed for the said degree.

Signature of the Guide   Signature of the HOD
Rekha G S   Dr. Umadevi V
Assistant Professor,   Associate Prof.& Head, Dept. of CSE
BMSCE, Bengaluru   BMSCE, Bengaluru

External Viva

Name of the Examiner   Signature with date

1._____   _____

2. _____   _____

B.M.S. COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

DECALARATION

We, AKSHAYA DEEP PRASAD (1BM19CS013), ASHUTOSH UPADHYAY (1BM19CS027), DARSHAN NINGTHOUJAM (1BM19CS041), DIVYANSHU JHANWAR (1BM19CS053), students of 3rd Semester, B.E, Department of Computer Science and Engineering, B. M. S. College of Engineering, Bangalore, hereby declare that, this Project Work-1entitled "Project Title" has been carried out by us under the guidance of Rekha G S, Assistant Professor, Department of CSE, B. M. S. College of Engineering, Bangalore during the academic semester Sep-2020-Jan-2021.

We also declare that to the best of our knowledge and belief, the development reported here is not from part of any other report by any other students.

Signature

AKSHAYA DEEP PRASAD (1BM19CS013)

ASHUTOSH UPADHYAY (1BM19CS027)

DARSHAN NINGTHOUJAM (1BM19CS041)

DIVYANSHU JHANWAR (1BM19CS053)

1. Introduction

Website development for "Online library management system"

This online submission system supports following users

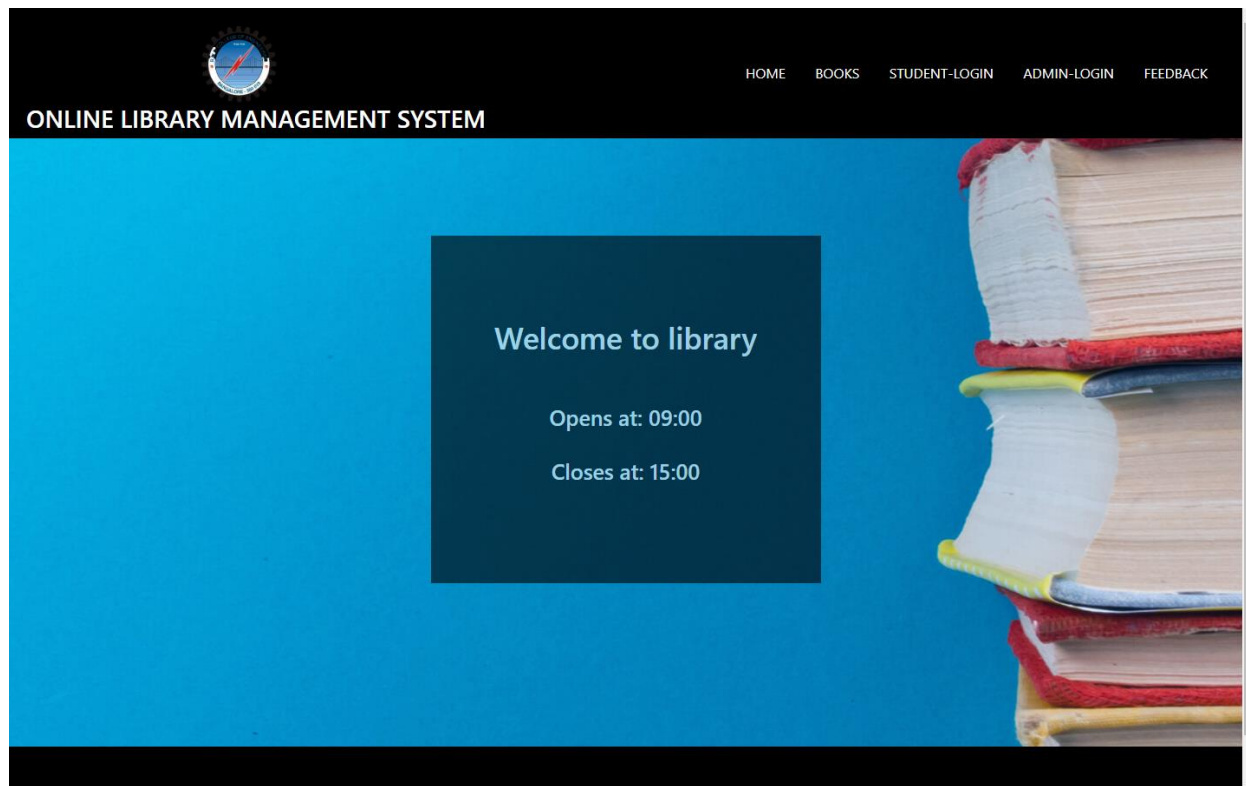a. Student

b. admin

Functionalities under Student login

i. Can register through online application form

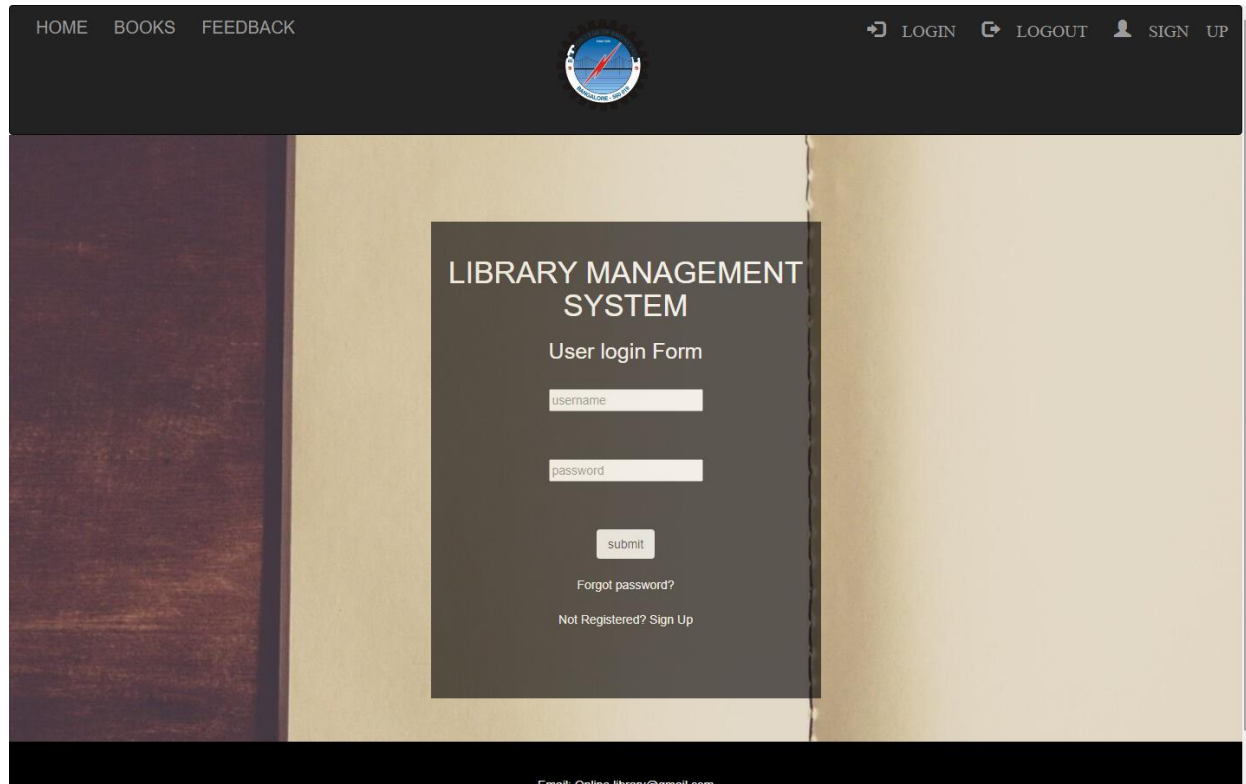ii. Display of the list of books available

Functionalities under admin login

i. Display of the list of students issued books

2. Design Layouts: Screen Shots of Webpages

2.1: Home Webpage

2.2: Student login Webpage

ONLINE LIBRARY MANAGEMENT SYSTEM

HOME   BOOKS   STUDENT-LOGIN   ADMIN-LOGIN   FEEDBACK

Welcome to library

Opens at: 09:00

Closes at: 15:00

HOME   BOOKS   FEEDBACK   LOGIN   LOGOUT   SIGN UP

LIBRARY MANAGEMENT SYSTEM

User login Form

username

password

submit

Forgot password?

Not Registered? Sign Up

2.3: Student registration Webpage

LIBRARY MANAGEMENT SYSTEM

User sign up Form

First Name

Last Name

Email

Roll no

username

password

LIBRARY MANAGEMENT SYSTEM

User sign up Form

First Name

Last Name

Email

Roll no

username

password

submit

Already Registered? Sign in

2.4: Admin loin Webpage

LOGOUT

LIBRARY MANAGEMENT
SYSTEM

Admin login Form

username

password

submit

Forgot password?

Email: Online.library@gmail.com

2.5: Feedback Webpage

HOME   BOOKS   STUDENT-LOGIN   ADMIN-LOGIN
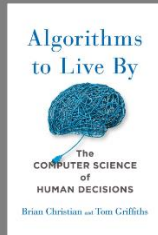
ONLINE LIBRARY MANAGEMENT SYSTEM

First Name
Your name..

Last Name
Your last name..

Subject
Write something..

Submit

2.6: Books Webpage

HOME   STUDENT-LOGIN   ADMIN-LOGIN   FEEDBACK

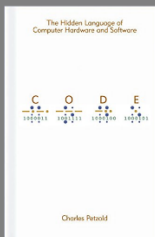Algorithms to Live By: The Computer Science of Human Decisions

The Soul of a New Machine
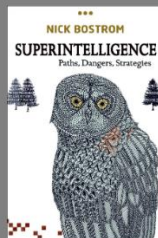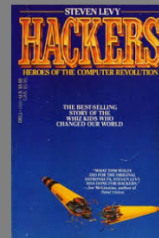
Superintelligence: Paths, Dangers, Strategies

Hackers: Heroes of the Computer Revolution

Hackers: Heroes of the Computer Revolution

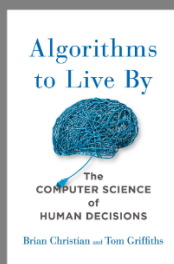Code: The Hidden Language of Computer Hardware and Softwar

ONLINE LIBRARY MANAGEMENT SYSTEM

HOME   BOOKS   STUDENT-LOGIN   ADMIN-LOGIN   FEEDBACK

Algorithms to Live By:
The Computer Science of
Human Decisions

Author : Brian Christian and Tom Griffiths

As every busy college student knows, our lives are constantly being constrained by limited time and space — what should be accomplish in a day? What is okay to leave undone in a lifetime? How much messiness and disorganization is an acceptable amount? In Algorithms to Live By, author Brian Christian and cognitive scientist Tom Griffiths describe how simple, yet precise, algorithms like those used by computers can also untangle important human questions. In fascinating chapter after fascinating chapter, the two explain everything from how to have better gut feelings, to knowing when to leave things to chance, to dealing with an overwhelming number of choices, to figuring out how to best communicate with others
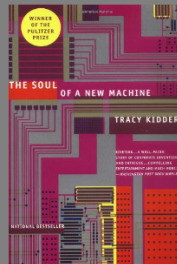
The Soul of a New Machine

Author : Tracy Kidder

Tracy Kidder's The Soul of a New Machine is one of the few must-read histories about the world of Computer Science. First published in 1981, Kidder's classic remains one of the most highly regarded books about computers to ever hit the shelves. The Soul of a New Machine carefully recounts the drama, comedy, and excitement of the early years of computers, at the time when there was but one company making the effort to bring a new microcomputer to the mass market. Computer Science majors will also appreciate the go-for-broke approach to business that is only briefly referenced here, but has become an approach that so many high-tech companies still maintain.
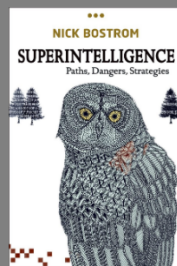
Superintelligence: Paths, Dangers, Strategies

Author : Nick Bostrom

As Hollywood has been asking for years, what happens when machines surpass humans in general intelligence? Will artificial agents save or destroy us? In Superintelligence, author Nick Bostrom attempts to answer that question and others by laying a foundation for understanding the future of humanity and intelligent life. He takes readers on a fascinating journey that begins with thoughts on the human condition and ends with the sometimes terrifying future of intelligent life. Bostrom's important questions and themes that hinge on morality make Superintelligence a must-read for anyone aspiring to greatness in the world of computer science

ONLINE LIBRARY MANAGEMENT SYSTEM

HOME   BOOKS   STUDENT-LOGIN   ADMIN-LOGIN   FEEDBACK
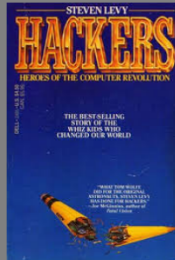
Hackers: Heroes of the Computer Revolution

Author : Steven Levy

Still considered required reading by some, Steven Levy's "Hackers" was written long before the idea of hacking took on such a negative connotation. The titular hackers include everyone from Steve Jobs to Bill Gates (before they were the icons we know now), and even the lesser known Slug Russell and Lee Felsenstein, both of whom played an important role in the development of the personal computer. While Hackers is mostly a look at industry history, Computer Science majors will love the charmingly optimistic Hacker Ethic, which includes such noble concepts as "Hackers should be judged by their hacking, not criteria such as degrees, age, race, sex, or position;" "Computers can change your life for the better;" "All information should be free;" and "You can create art and beauty on a computer."

ONLINE LIBRARY MANAGEMENT SYSTEM

HOME   BOOKS   STUDENT-LOGIN   ADMIN-LOGIN   FEEDBACK
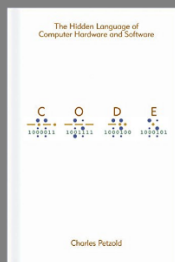
Code: The Hidden Language of Computer Hardware and Software

Author : Charles Petzold

In Code, author Charles Petzold asks the question: What do flashlights, the British invasion, black cats, and seesaws have to do with computers? Petzold's answer is a fascinating look at the way we manipulate language and invent new means of communicating with each other. Complete with clever illustrations and references to familiar objects and events, Code is a great way to further understand — and respect — today's world of PCs, digital media, and the Internet