A Mini Project Report on

"TITLE OF THE MINI PROJECT"

Submitted in partial fulfillment of the requirement for the Sixth Semester

Bachelor of Engineering

In

Computer Science and Engineering

Visvesvaraya Technological University, Belgaum

Submittedby

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Under the guidance of

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2020-2021

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CERTIFICATE

This is to certify that the mini project entitled "**College Courseware"** is a bonafide work carried out by " **Mashhood Alam Mohammad [1DS20CS121]**"in partial fulfilment of 2nd semester, **Bachelor of Engineering** in **Computer Science and Engineering** under **Visvesvaraya Technological University, Belgaum** during the year 2020-21.

(Internal Guide)	**Vice Principal & HOD**	**Principal,**
Prof/Ass.Prof/Assist Prof	**Dept. of CSE, DSCE**	**DSCE,**
CSE, DSCE, Bangalore.	**Bangalore**	**Bangalore.**
Signature: _____	**Signature: _____**	**Signature: _____**

Name of the Examiners	**Signature with date**
1…….	……...
2…….	……...

DAYANANDA SAGAR COLLEGE OF ENGINEERING
COMPUTER SCIENCE & ENGINEERING

Minor Project- Report
Aug-2020-2021

Course Faculty: Prof. Anupama V P
Semester:2nd Date:6th Sep. 2021

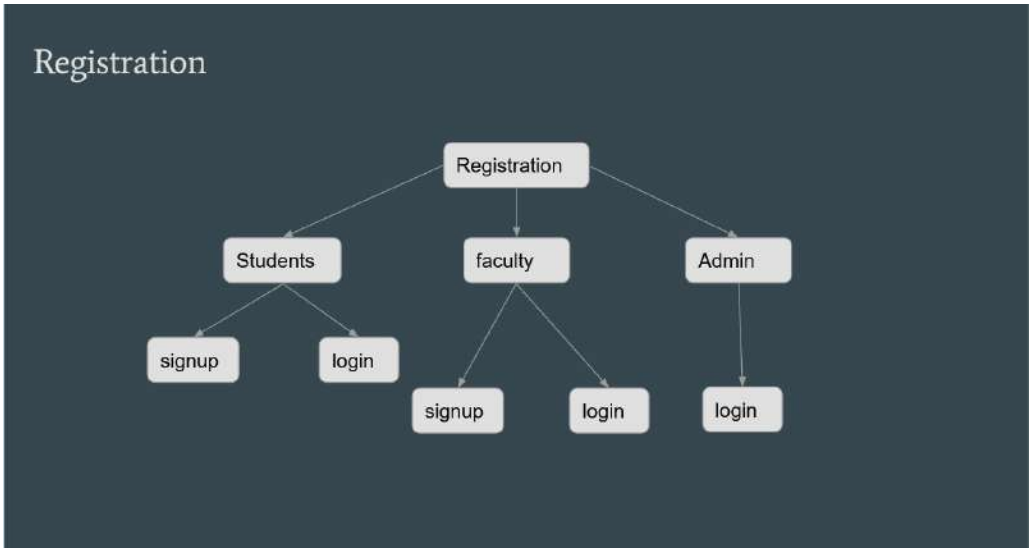
Course Name & code: Programing in C

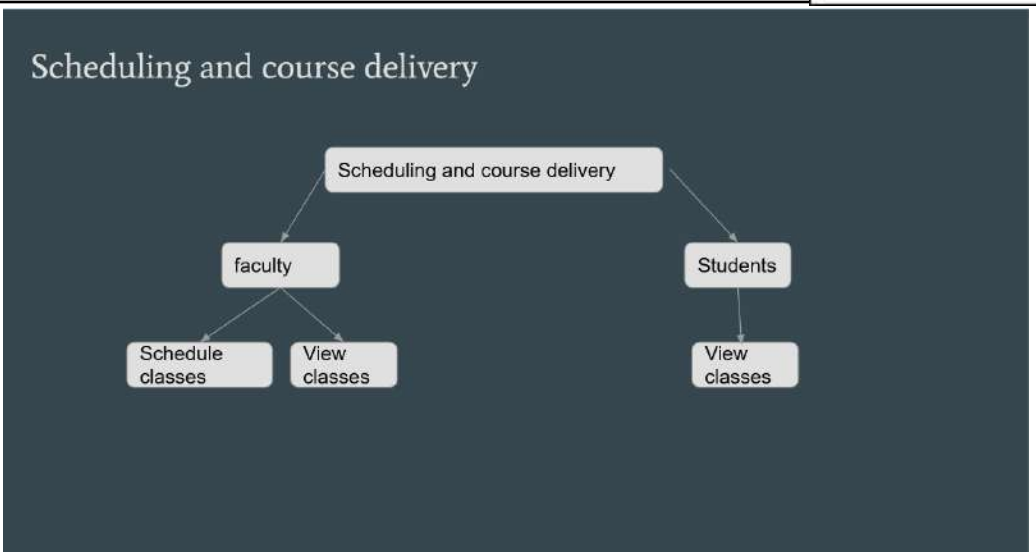
TITLE OF THE PROJECT	College Courseware			
STUDENT NAME	Mashhood Alam Mohammad	Ridda Ishtiyaq		
USN	1DS20CS121	1DS20CS164		

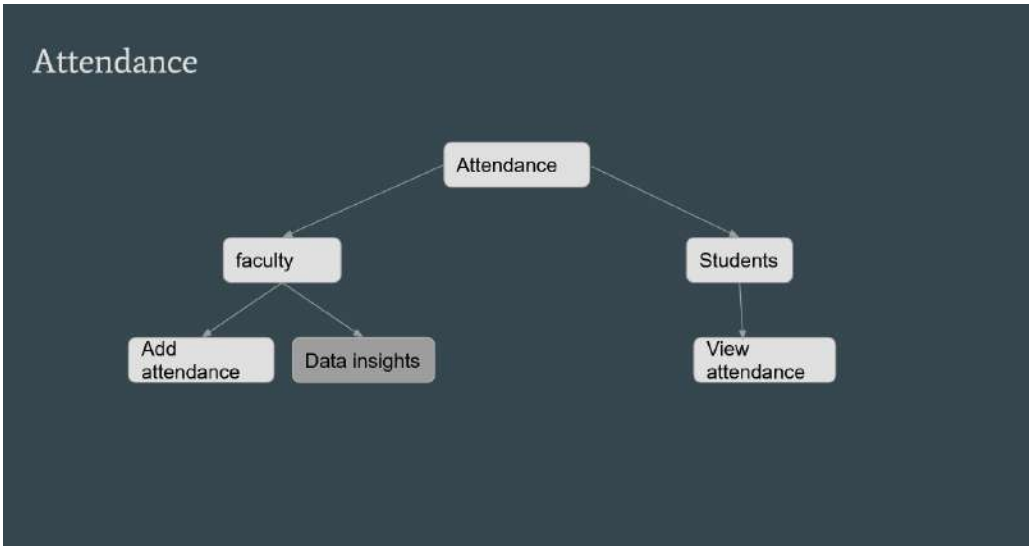
INDIVIDUAL CONTRIBUTION	• Backend
	  ○ designed the database
	  ○ Implemented the database
	  ○ made all the database queries
	  ○ integrated the database with flask
	  ○ implemented all rest of backend code
	• Frontend
	  • made the basic templates
	  • worked on the CSS
	• Made the Resources ppt and helped with the main ppt
		• frontend
		  • made CSS styles
		• made a PPT		

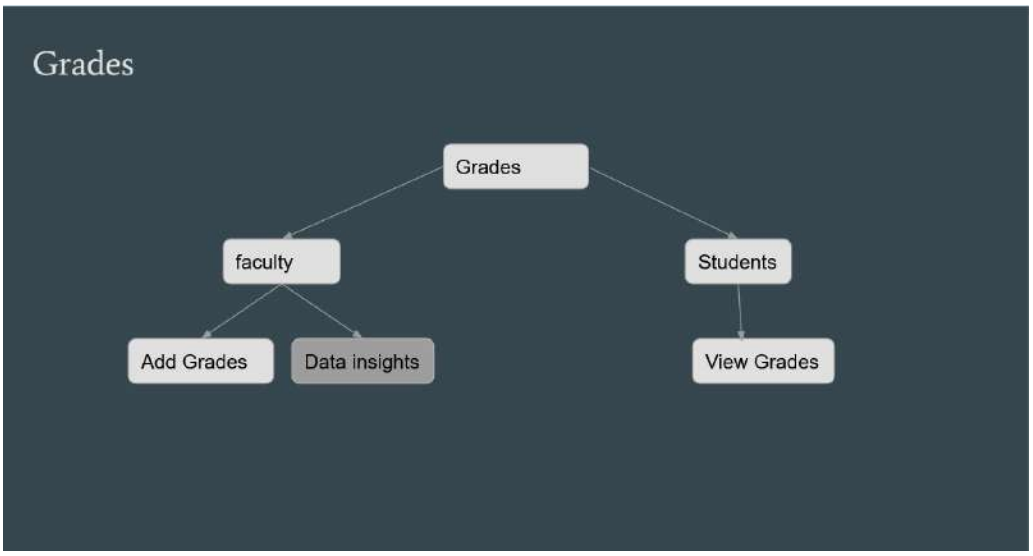
GUIDE	Prof. anupama VP			
PROJECT ABSTRACT :	College courseware is a web application which helps streamline and modernise the way classes are conducted in this pandemic , we have four core modules • Registration • Scheduling and course delivery			

	● Attendance ● Grading
PLATFORM USED (H/W & S/W TOOLS USED	● Frontend ○ HTML ○ CSS ● Backend ○ Python ■ flask ■ Psycopg2 ○ postgresql ■ DBAdmin4
INTRODUCTION	**Registration:** This module has three different parts to it ● Teacher Registration ● Student Registration ● Administration Each part has its own way of creating users, storing the credentials and authenticating their identity while login. **Scheduling and Course Delivery:** This module can be split into two ● Faculty end ● Student end On the faculty end the profs. can schedule classes for a given day and they get notified of their classes On the student end students can access the classes assigned by the faculty **Attendance:** This module can also be split into two ● Faculty end ● student end On the faculty end profs. can mark the attendance of a given class. And receive insights from this in their newsletter On the student end students can view their attendance . **Grading** :

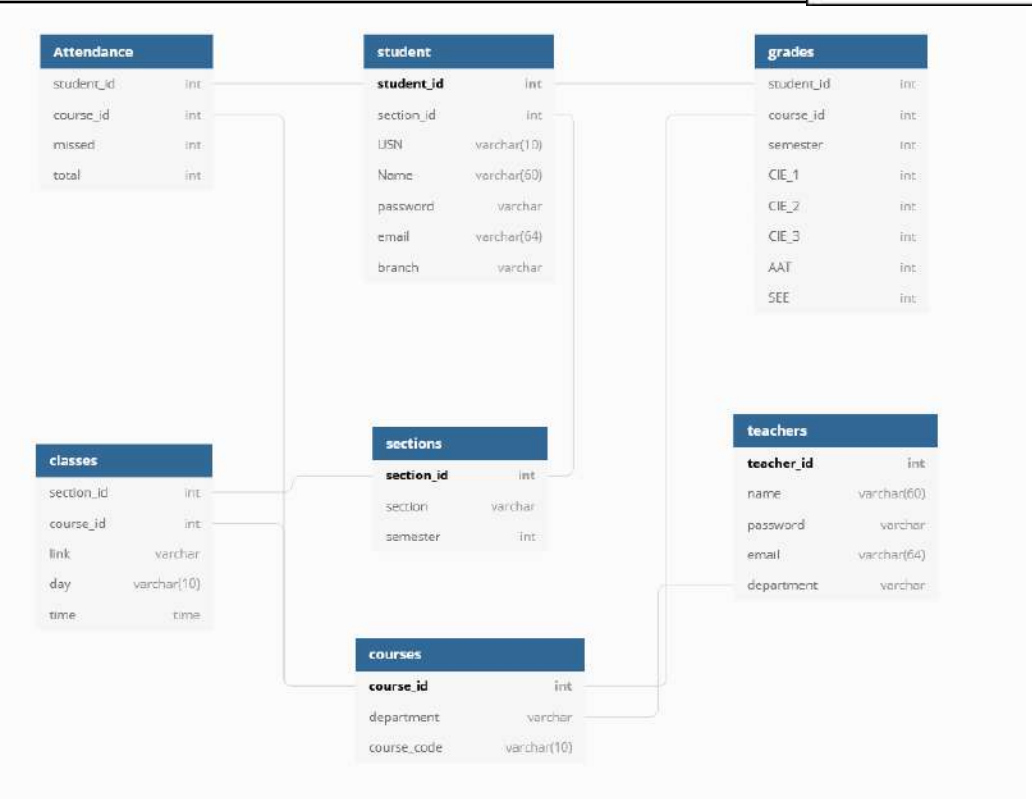
	This module can also be split into two ● Faculty end ● student end On the faculty end profs. can upload the marks of a particular class. And receive insights from this in their newsletter On the student end students can view their grades.
LIST OF PAPERS/URLS REFERRED	Full stack web-dev Resources click here to get all the resources used in making this web-application.
DESIGN {SYSTEM DESIGN DIAGRAM}	



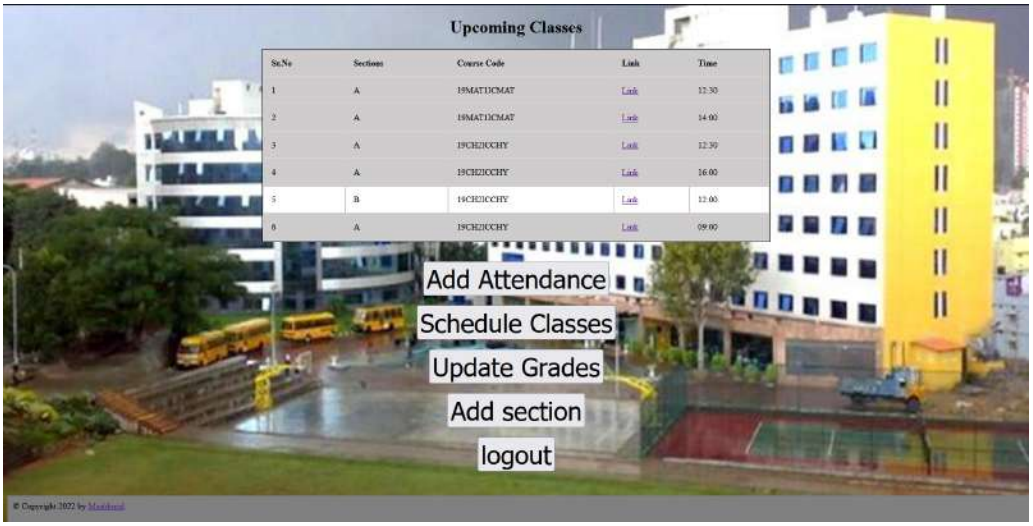




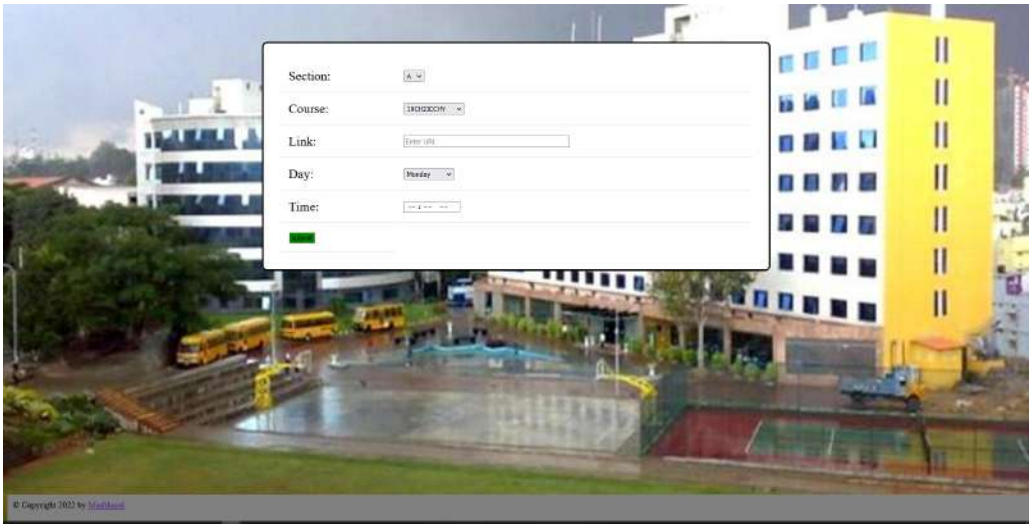
Database Design:



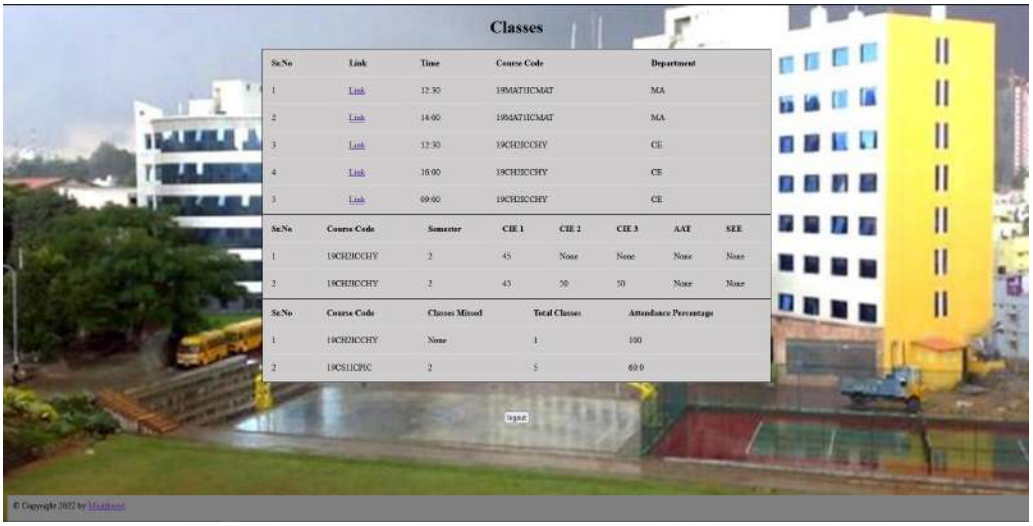
PROJECT SOURCE CODE LINK (GITHUB/ GOOGLE DRIVE)	https://github.com/MASHOD0/FirstYearProject

CONCLUSION /FUTURE ENHANCEMENT	In the future, if this application goes into production, one can derive a lot of insights as to how the college is functioning and can also derive improvements from it . The data generated from this can also be used to test new teaching methods and their effectiveness.
UI SCREENSHOTS OF SAMPLE RESULTS	Home page: faculty homepage: 

Schedule classes page:



student homepage:



REFERENCES	