SOFTWARE ENGINEERING

DIGITAL ASSIGNMENT-5

DONE BY:

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QUESTION-1

TEST CASES FOR VIRTUAL CLASSROOM.

CLASSROOM SETUP-

FOR SETTING UP THE CLASSROOM FACULTY NEEDS TO SIGNUP/LOGIN AND CREATE CLASSROOM.

ONCE CLASSROOM HAS BEEN CREATED-

1)ASSIGNMENTS CAN BE UPLOADED,QUIZ CAN BE UPLOADED,NOTES CAN BE UPLOADED BY TEACHER.

2)ASSIGNMENTS CAN BE VIEWED BY STUDENTS,QUIZ CAN ALSO BE VIEWED BY STUDENTS,NOTES CAN BE CREATED AND VIEWED BY STUDENTS.

ALL QUIZ,NOTES,ASSIGNMENTS ARE TO BE UPLOADED IN PDF FORMAT AND CAN ALSO BE VIEWED IN PDF FORMAT.

FUNCTIONAL COMPONENTS-

1)USER AUTHENTICATION:

ONLY REGISTERED USER WITH VALID CREDENTIALS WILL BE ABLE TO LOGIN ON THE PORTAL.

2)SIGNUP/LOGIN:

TO ACCESS THE PORTAL USER MUST SIGNUP.LOGIN ON PORTAL USING FACULTY ID/STUDENT ID.

3)CLASSROOM SETUP:

FACULY CAN CREATE CLASSROOM AND STUDENT CAN JOIN CLASSROOM.

4)UPLOAD MATERIAL:

A)FACULTY:

1)ASSIGNMENT UPLOAD

2)QUIZ UPLOAD

3)NOTES UPLOAD

B)STUDENT:

1)ASSIGNMENT VIEW

2)QUIZ VIEW

3)NOTES MAKING/NOTES VIEW

NON FUNCTIONAL COMPONENTS

1)<u>SECURITY CHECK:</u>

ONLY CORRECT CREDENTIALS WILL ALLOW TO ACCESS PORTAL

2)<u>PERFORMANCE:</u>

LATEST TECHNOLOGY IS USED TO MAINTAIN AND SERVE THE PROJECT.

3)<u>SCALABLE:</u>

SCALABLE AS IT CAN HANDLE HUGE INCREMENT IN ALL SECTORS

4)<u>MAINTAINABLE:</u>

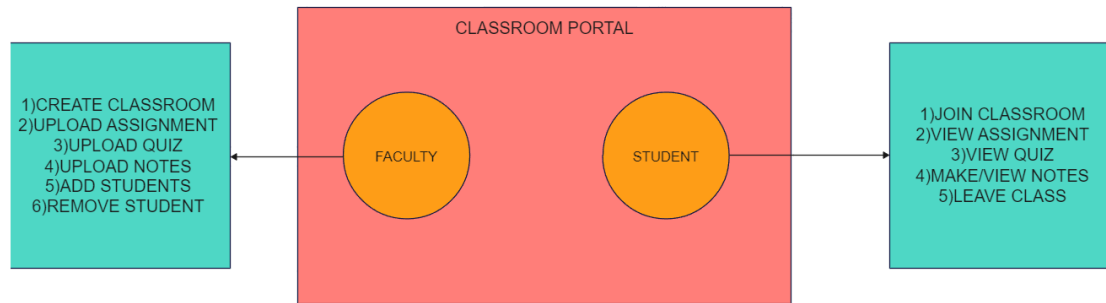EASILY MAINTAINABLE AS REGULAR UPDATES CAN BE ADDED ON THE PORTAL

5)<u>RESPONSIVE:</u>

PORJECT CAN WORK ON ALL DEVICES

EG-MOBILE,PADS,LARGE SCREENS,DESKTOP ETC.

QUESTION-2-

STORY BOARD

1)USER NEEDS TO SIGNUP/LOGIN AS A FACULTY OR STUDENT.

2)

IF FACULTY:

A)CREATE CLASSROOM

B)UPLOAD ASSIGNMENTS

C)UPLOAD QUIZ

D)UPLOAD NOTES

ELSE STUDENT:

A)JOIN CLASSROOM

B)VIEW ASSIGNMENT

C)VIEW QUIZ

D)MAKE/VIEW NOTES

UI-

STUDYLABS

Faculty Signup

- ClassRoom Setup
- Assignment Setup
- Quiz Setup
- Marks Upload
- Notes Upload

SIGNUP

Student Signup

- Join ClassRoom
- Submit Assignment
- Submit Quiz
- View Marks
- Notes Making

SIGNUP

STUDYLABS

STUDYLABS

FACULTY LOGIN

* Faculty ID

Enter Faculty ID

* Password

Enter Password

LOGIN

Signup?

* Fields Are Mandatory

STUDYLABS

STUDYLABS

STUDENT LOGIN

* Student ID

Enter Student ID

* Password

Enter Password

LOGIN

Signup?

* Fields Are Mandatory