

Software Requirement Specification for Review Scheduling Portal for TAC

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ROLL NUMBER	7376222AL171
SEAT NO	170
PROJECT ID	10

1.Introduction

The Review Scheduling Portal is a web-based application designed to facilitate the scheduling of review appointments between students and faculty members for project review. The system is divided into three main components: Student, Faculty, and Admin.

2.Scope of the project

- The system allows students to submit their Technical Activity Completion (TAC) forms, schedule appointments, and View Interaction History.
- Faculty members can view student schedules, allocate themselves to available slots, and manage student appointments.
- Admins have access to all functionalities and can approve TAC forms, schedule appointments, and monitor student progress. Administrators have the ability to approve or reject projects.

3.Functional Requirements

3.1 Student Module

- Login: Students should be able to log in to the system using their credentials.

- Apply TAC: Students can fill out and submit TAC forms, specifying details such as project category (hardware or software) and completion status.
- View TAC Status: Students can view the status of their TAC forms, including approval status and worklog submission status.
- Schedule Appointment: Students can schedule review appointments with available faculty members.
- View Interaction History: Students can monitor the status of their TAC applications and review their interaction history.

3.2 Faculty Module

- Login: Faculty members should be able to log in to the system using their credentials.
- View Student Schedule: Faculty can view the schedule of appointments and the number of students in each slot.
- Allocate Themselves: Faculty members can allocate themselves to available slots for appointments.

3.3 Admin Module

- Login: Admins should be able to log in to the system using their credentials.
- View TAC Forms: Admins can view TAC forms submitted by students and approve or reject them.
- Schedule Appointment: Admins can schedule review appointments on behalf of students.
- Monitor Worklogs: Admins can monitor worklogs submitted by students and evaluate their progress.
- Monitor Project Progress: Admins can monitor student project progress, including the number of days since approval and rewards claimable.

4. Features:

1. Login and registration:

Students can register for an account or login with their existing account

2. TAC Application Submission:

Students can input relevant details regarding their project application including project title, description, objectives, and any necessary attachments. Upon completion, the application is submitted to the admin interface for review and further processing

3. Application Status:

Students can view the current status of their application and also see the worklogs.

4. Appointment Booking:

Student with approved PID can request for Project review after completion of 30 days

5. Admin Access:

Admin can view all submitted TAC applications in a category of either software or hardware, view application details, approve or reject the application with suitable remarks, schedule meetings.

5.Non-functional Requirements

- Performance: The system should be able to handle multiple concurrent users efficiently.
- Security: User authentication and authorization mechanisms should be implemented to ensure data security.
- Usability: The user interface should be intuitive and easy to navigate for all user roles.
- Reliability: The system should be available 24/7 with minimal downtime and should have a backup and recovery mechanism in place to prevent data loss in case of system failures or crashes.

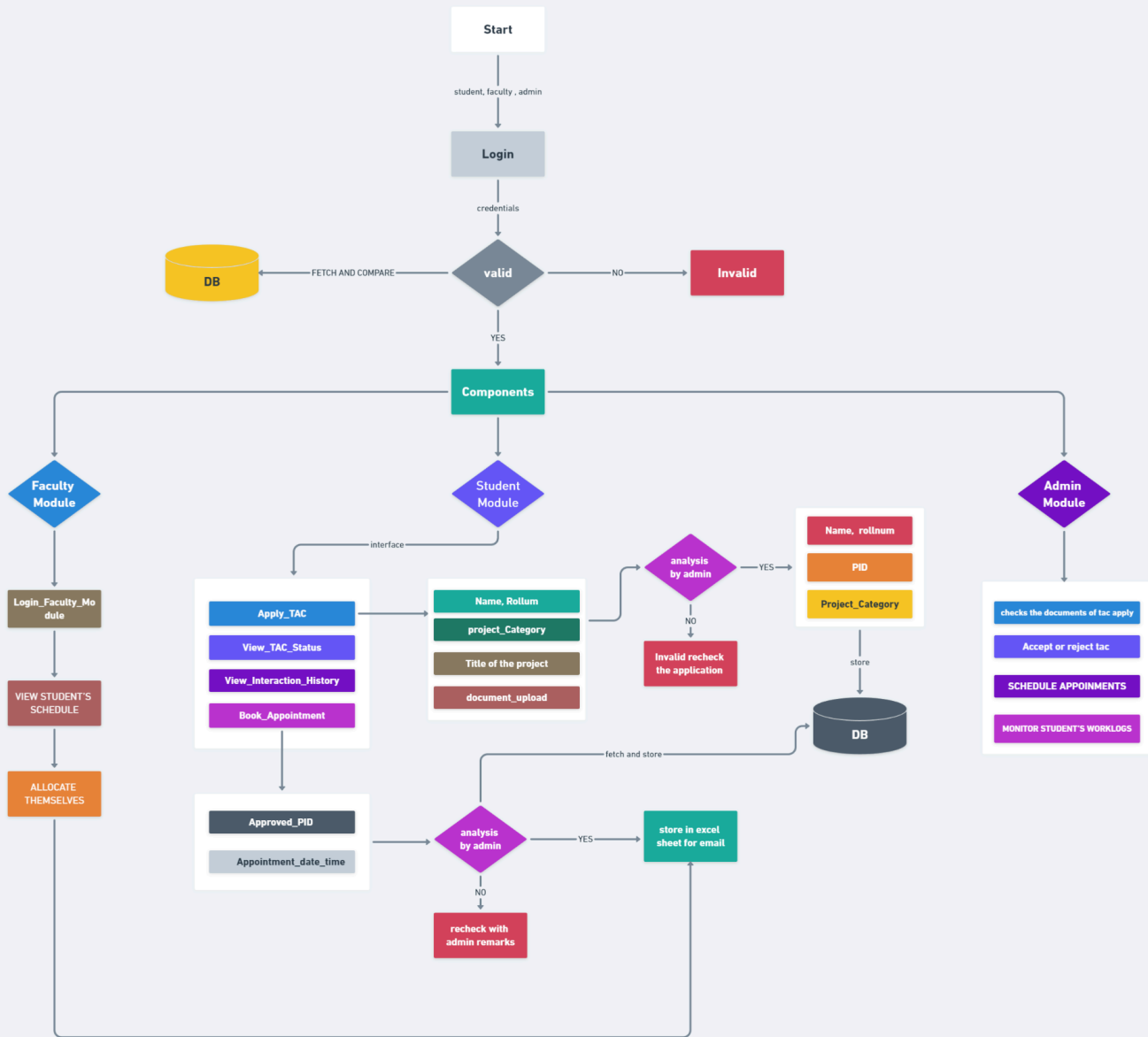
6.System Architecture

- The system will be built using a client-server architecture, with a web-based front-end and a back-end server for data processing and storage.
- Technologies such as HTML, CSS, JavaScript, and a server-side programming language (Python) and MySQL for DBMS will be utilized for development.

6.User Interface Design

- The user interface should be clean, responsive, and visually appealing.
- Each module (Student, Faculty, Admin) will have a separate dashboard with relevant functionalities.
- Navigation menus and buttons should be clearly labeled for ease of use.

7. WORKFLOW :



8. Conclusion

The Review Scheduling Portal aims to streamline the process of scheduling review appointments for student projects. By providing a user-friendly interface and robust functionality, the system will enhance the efficiency and effectiveness of the review process for both students and faculty members.

Stack:


FRONT END	HTML,CSS,JAVA-SCRIPT
BACK END	DJANGO
DBMS	MYSQL

LOGIN PAGE:

LOGIN


Email id

Password


 

[Forgot Password?](#)


LOGIN


 **Sign in with Google**


STUDENT DASHBOARD:





ANNARI AMMA
INSTITUTE OF TECHNOLOGY
Stay Ahead

 Dashboard

 Apply TAC


 Book Appointment


 View Schedule


 Logout


TAC

WELCOME MITHUN!

 APPLY TAC

 **HARDWARE**
5

 **SOFTWARE**
4

 **BOOK**
APPOINTMENT

Your Activity

PID	Rollnumber	Category	Title	No.of.Student	Document	Status
1742	7376222AL171	HARDWARE	AUTOMATION	2	7376222AL171-PD-24.04.2024	INITIATED
3302	7376222AL171	SOFTWARE	CALCULATOR	1	7376222AL171-PD-24.04.2024	REJECTED
5039	7376222AL171	SOFTWARE	FULL-STACK	3	7376222AL171-PD-24.04.2024	APPROVED
4903	7376222AL171	HARDWARE	HEXAPOD	3	7376222AL171-PD-24.04.2024	APPROVED
2743	7376222AL171	HARDWARE	ROVER	1	7376222AL171-PD-24.04.2024	REJECTED
1945	7376222AL171	HARDWARE	ROBOWAR	2	7376222AL171-PD-24.04.2024	APPROVED

TAC FORM:



- Dashboard
- Hardware
- Software
- View Schedule

Logout

TAC

WELCOME MITHUN!



TAC FORM

Your Name

MITHUN S K

ROLL NUMBER

7376222AL171

CATEGORY

HARDWARE

PROJECT TITLE

HEXAPOD ROBOT

NO.OF.STUDENT

2

STUDENT 2 NAME

HAKKIM

STUDENT 2 ROLL NUMBER

7376222AL517

DOCUMENT TYPE - RollNumber-PD-24.04.24

[choose file](#) Upload your pdf here

SUBMIT

APPOINTMENT BOOKING BY STUDENT:



- Dashboard
- Hardware
- Software
- View Schedule

Logout

TAC

WELCOME MITHUN!



BOOK APPOINTMENT

Your Name

MITHUN S K

ROLL NUMBER

7376222AL171

CATEGORY

HARDWARE

PROJECT TITLE

HEXAPOD ROBOT

PID

1546

SCHEDULE DATE


24/04-10.00 TO 11.00AM

NO.OF.STUDENT


2


SUBMIT


STAFF_DASHBOARD:



ANNARI AMMA
STITUTE OF TECHNOLOGY
Stay Ahead


 Dashboard


 View Schedule


 Logout


TAC

WELCOME LOKI!



 **HARDWARE**
24

 **SOFTWARE**
46

 **TOTAL**
70

BOOK YOUR SLOTS

20

NO.OF.STUDENTS IN
24-04-2024-10.00 TO 11.00AM

BOOK

10

NO.OF.STUDENTS IN
24-04-2024-11.00 TO 12.00PM

BOOK

5

NO.OF.STUDENTS IN
25-04-2024-2.00 TO 3.00PM

BOOK

18

NO.OF.STUDENTS IN
25-04-2024-2.00 TO 3.00PM

BOOK

25

NO.OF.STUDENTS IN
25-04-2024-2.00 TO 3.00PM

BOOK

12

NO.OF.STUDENTS IN
24-04-2024-11.00 TO 12.00PM

BOOK

ADMIN_DASHBOARD:



- Dashboard
- STUDENT TAC
- View Worklog
- Manage schedule

Logout

TAC

WELCOME ADMIN!



Students-appointment



● 24/04-1.00-2.00pm ● 26/04-3.00-4.00pm
● 25/04-12.00-1.00pm ● 27/04-10.00-12.00



HARDWARE
24



TOTAL
70



SOFTWARE
46

MANAGE SCHEDULE



FIX SCHEDULE


Student Activity

PID	Rollnumber	Category	Title	No.of. Student	No.of. days	Appointment Date	View Worklog
1742	7376222AL171	HARDWARE	AUTOMATION	2	29	24.04.2024	<button>VIEW</button>
3302	7376222AL182	SOFTWARE	CALCULATOR	1	32	25.04.2024	<button>VIEW</button>
5039	7376222AD131	SOFTWARE	FULL-STACK	3	22	26.04.2024	<button>VIEW</button>
4903	7376222AL167	HARDWARE	HEXAPOD	3	30	24.04.2024	<button>VIEW</button>
2743	7376222CS144	HARDWARE	ROVER	1	26	23.04.2024	<button>VIEW</button>
1945	7376222CT151	HARDWARE	ROBOWAR	2	16	27.04.2024	<button>VIEW</button>

VIEW_NEW_TAC :



 [Dashboard](#)

 STUDENT TAC View Workog **Manage schedule**

Logout

TAC

WELCOME ADMIN!



Student New TAC

 Search for something

PID	Rollnumber	Category	Title	No.of. Student	DOCUMENT	STATUS		REMARK
1742	7376222AL171	HARDWARE	AUTOMATION	2	7376222AL171-PD-24.04.2024	<div><div></div></div>	<div><div></div></div>	<div>Enter your remark</div>
3302	7376222AL182	SOFTWARE	CALCULATOR	1	7376222AL171-PD-24.04.2024	<div><div></div></div>	<div><div></div></div>	<div>Enter your remark</div>
5039	7376222AD131	SOFTWARE	FULL-STACK	3	7376222AL171-PD-24.04.2024	<div><div></div></div>	<div><div></div></div>	<div>Enter your remark</div>
4903	7376222AL167	HARDWARE	HEXAPOD	3	7376222AL171-PD-24.04.2024	<div><div></div></div>	<div><div></div></div>	<div>Enter your remark</div>
2743	7376222CS144	HARDWARE	ROVER	1	7376222AL171-PD-24.04.2024	<div><div></div></div>	<div><div></div></div>	<div>Enter your remark</div>
1945	7376222CT151	HARDWARE	ROBOWAR	2	7376222AL171-PD-24.04.2024	<div><div></div></div>	<div><div></div></div>	<div>Enter your remark</div>

MANAGE APPOINTMENT:



- Dashboard
- STUDENT TAC
- View Workog
- Manage schedule

Logout

TAC

WELCOME ADMIN!



Schedule Update

SCHEDULE DATE

dd-mm-yyyy



SCHEDULE TIME

10.00 TO 11.00AM



24-04-2024 - 10.00 TO 11.00AM
24-04-2024 - 12.00 TO 1.00PM
25-04-2024 - 9.45 TO 11.00AM
25-04-2024 - 3..00 TO 4.30PM
2-05-2024 - 8.40 TO 12.00AM

SAVE

ER-DIAGRAM:

