

MAJOR / MINOR PROJECT ABSTRACT [Form – 1] (YEAR - 2025)

NAME OF LAB COORDINATOR: Ms. Priyanka Yadav

TITLE OF PROJECT: Web Based School Administration System

PROJECT TRACK: (Tick the appropriate one / ones)

1. R&D (Innovation)	2. CONSULTANCY (Fetched from Industry)	3. STARTUP (Self-Business Initiative)	4. PROJECT POOL (From IBM / INFOSYS)	5. HARDWARE / EMBEDDED
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BRIEF INTRODUCTION OF PROJECT:

The school admin system is a comprehensive software solution designed to streamline administrative tasks in educational institutions. It facilitates efficient management of student & staff records, attendance, academic performance, etc.

TOOLS / TECHNOLOGIES TO BE USED:

NAME OF TOOL / TECHNOLOGY	VERSION	SOFTWARE / HARDWARE	PURPOSE OF USE
Adobe Illustrator	28.0x	Software	To design UI and UX
React.js	18.2.0	Software	Create interactive components
Node.js & Express.js	2.0.82	Software	Backend, routing, API
MongoDB	7.0.x	Software	Store data & enable efficient querying

PROPOSED PROJECT MODULES:

NAME OF MODULE	PROPOSED FUNCTIONALITY IN PROJECT
User Management	Register, Login, Role Based Access, Profile management
Student Information	Records, Academic performance, Attendance Tracking
Attendance Management	Attendance marking and report
Exam & Grading Management	Examination marks and grades
Notice Management	updates and notices

TEAM MEMBER DETAILS:

STUDENT NAME	CLASS & GROUP	MOBILE No.	EXPERTISE AREA	ROLE IN PROJECT
Anjali Gupta	8ITA-G1	9571373680	Designing	Designing
Arushi Kinger	8ITA-G1	8302269510	Backend	Frontend, Backend
Aryan Sharma	8ITA-G1	6377341096	Database	Frontend, Database

NOTE: 1. This form is to be submitted by a team of maximum 4 students in the starting of semester to lab coordinator.
2. Students must keep a Xerox copy of this form as reference for project work and attach it to final report.

*Nonamul
Chetani
16/04/25*

ROLE SPECIFICATION OF TEAM MEMBERS [Form - 2]

MEMBER 1 <u>Anjali Gupta</u>		HANDLING MODULE <u>Student Information</u>	
NAME OF ACTIVITY	SOFT DEADLINE DATE	HARD DEADLINE DATE	DETAILS OF ACTIVITY (STORY)
Design Website	Week - 2	Week - 5	Ensure structure and design of website
Student Data Management	Week - 4	Week - 6	Manage all records & Information of students
Classes Management	Week - 6	Week - 8	Add, remove & manage classes

MEMBER 2 <u>Arushi Hinger</u>		HANDLING MODULE <u>User Management & Notices</u>	
NAME OF ACTIVITY	SOFT DEADLINE DATE	HARD DEADLINE DATE	DETAILS OF ACTIVITY (STORY)
Register & Login	Week - 2	Week - 5	Allows users to register and login on the platform
Role Based Access	Week - 3	Week - 6	login according to admin, staff or student role
Teachers Data	Week - 6	Week - 8	Manage teacher's data and information
Notices Management	Week - 7	Week - 9	Upload & manage notices

MEMBER 3 <u>Aryan Sharma</u>		HANDLING MODULE <u>Exam Grading & Attendance</u>	
NAME OF ACTIVITY	SOFT DEADLINE DATE	HARD DEADLINE DATE	DETAILS OF ACTIVITY (STORY)
Exam Grading	Week - 3	Week - 6	Add and maintain student marks
Subject Management	Week - 5	Week - 8	Manage all the subject information
Attendance Management	Week - 6	Week - 9	Provide access to teacher to mark attendance & student to view
Database Management	Week - 8	Week - 10	Manage database

MEMBER 4 _____		HANDLING MODULE _____	
NAME OF ACTIVITY	SOFT DEADLINE DATE	HARD DEADLINE DATE	DETAILS OF ACTIVITY (STORY)

MENTOR'S NAME & SIGNATURE Manoj Kumar  10/04/25

- NOTE:**
1. This form is to be submitted by a team of maximum 4 students in the starting of semester to lab coordinator.
 2. Every member student must keep a Xerox copy of this form as reference for his / her part in project work.
 3. Students must provide the detailed list of planned activities along with their completion deadline dates.
 4. The lab coordinator will check the weekly progress of student against the information provided in this form.

Form-3
PROJECT WEEKLY STATUS MATRIX (FOR PROJECT MENTORS)

NAME OF STUDENT - 1		Anjali Gupta		
NAME OF PROJECT		Web based School Administration System		
OTHER TEAM MEMBERS		2. Anushi Kinger	3. Anyan Sharma	4.
WEEK (TO-FROM)	WORKING ON MODULE	PROGRESS ACHIEVED	COMMENTS	MARKS (X / 10)
04/01/25	Research	80%.	Verified	7/10
11/01/25	Abstract	70%.	Verified	7/10
18/01/25	SRB	90%.	Verified	9/10
25/01/25	DataCollect ⁿ	85%.	Verified	9/10
01/02/25	Design	95%.	Verified	10/10
08/02/25	Student Data	75%.	Verified	7/10
01/03/25	Add class	80%.	Verified	5/10
08/03/25	Student & class	85%	Verified, class	7/10
15/03/25	Student attend ance report	70%	Verified, class	7/10
22/03/25	Database connectivity.	80%.	Verified	10/10
29/03/25	Testing & Integration	85%.	Verified	7/10
05/04/25	Deployment	100%.	Verified	8/10
TOTAL WEEKS	MODULE COMPLETED (YES / NO)	OVERALL PROGRESS (POOR / AVG / GOOD)	OVERALL COMMENT (POOR / AVG / GOOD)	PERCENTAGE MARKS ESTIMATE
12	Yes	Good	Good	
LAB COORDINATOR's remarks & Signature _____				

- NOTE:** 1. This form is to be maintained in a file by lab coordinators for student - 1 of the team to track his / her progress.
 2. Lab coordinators must cross check and evaluate the PROGRESS ACHIEVED + it's DOCUMENTATION by student against the work done by student and note their own comments about student's performance.
 3. The lab coordinator must evaluate student's work for every lab from a score of 10 points.
 4. The lab coordinator must compute average of these points at the end of semester to draw an estimate of the PERCENT MARKS to be awarded to the student for his / her performance.
 5. The lab coordinator must IMMEDIATELY CONTACT MENTOR FACULTY of student in case of POOR PERFORMANCE or 2 CONTINUOUS ABSENCE from lab.
 6. In case of absence, 00 / 10 MARKS will be awarded if the mentioned work is not presented in next lab by student.

Form-3
PROJECT WEEKLY STATUS MATRIX (FOR PROJECT MENTORS)

NAME OF STUDENT - 1		Arushi Hinger		
NAME OF PROJECT		Web Based School Administration System		
OTHER TEAM MEMBERS		2. Anjali Gupta	3. Aryan Sharma	4.
WEEK (TO-FROM)	WORKING ON MODULE	PROGRESS ACHIEVED	COMMENTS	MARKS (X / 10)
04/01/25	Project Research	25%	Verified, done	0/10
11/01/25	Abstract	30%	Verified, done	7/10
18/01/25	SRS	30%	Verified, done	7/10
25/01/25	Data collection	40%	Verified, done	0/10
01/02/25	Login Page	100%	Verified, done	7/10
08/02/25	Role based Access	45%	Verified, done	7/10
01/03/25	Teacher data backend	50%	Verified, done	0/10
08/03/25	Attendance Report View	60%	Verified, done	7/10
15/03/25	Notice Management	60%	Verified, done	7/10
22/03/25	Database connectivity	50%	Verified, done	10/10
29/03/25	Testing & Integration	80%	Verified, done	0/10
05/04/25	Deployment	70%	Verified, done	0/10
TOTAL WEEKS	MODULE COMPLETED (YES / NO)	OVERALL PROGRESS (POOR / AVG / GOOD)	OVERALL COMMENT (POOR / AVG / GOOD)	PERCENTAGE MARKS ESTIMATE
12	Yes	Good	Good	
LAB COORDINATOR's remarks & Signature _____				

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NAME OF PROJECT		Web based School Administration System		
OTHER TEAM MEMBERS		2. Anjali Gupta	3. Arushi kinger	4.
WEEK (TO-FROM)	WORKING ON MODULE	PROGRESS ACHIEVED	COMMENTS	MARKS (X / 10)
04/01/25	Product Research	50%	Verified	7/10
11/01/25	Abstract	60%	Verified	6/10
18/01/25	SRS	70%	Verified	7/10
25/01/25	Data Collection	60%	Verified	8/10
01/02/25	login Page	80%	Verified	9/10
08/02/25	Dashboard	100%	Verified	10/10
09/03/25	Marks uploading	90%	Verified	6/10
08/03/25	Add Subjects	90%	Verified	6/10
18/03/25	Attendance Marking	90%	Verified	8/10
22/03/25	Database Connectivity	60%	Verified	10/10
29/03/25	Testing	70%	Verified	6/10
05/04/25	Deployment	70%	Verified	8/10
TOTAL WEEKS	MODULE COMPLETED (YES / NO)	OVERALL PROGRESS (POOR / AVG / GOOD)	OVERALL COMMENT (POOR / AVG / GOOD)	PERCENTAGE MARKS ESTIMATE
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