

## STUDENT'S DAILY DIARY/ LOG

Name of student: Vinayak Tusharbhai Chavda

Date	Day	Name of completed Task	Work of the day	Sign of the Industry supervisor
17/02/25	Monday	API Role-based Authentication	Worked on some new endpoints of the API which was needed in the UI to build, also made them secure with multiple role authentication.	
18/02/25	Tuesday	UI Integration and Bug Fixes	Added new UI and according API in the backend and handled some critical errors.	
19/02/25	Wednesday	Admin Page and Security Fixes	Added admin page to the project and made admin API secured by role of admin and solved some bugs related to database loops and conflicts in the API data via several secured endpoints.	
20/02/25	Thursday	Task Management & Team Support	Completed the task management system and added some extra functionality in free time while resolving errors in teammate's project, Then started new series on OCR (Optical Character Recognition) which is one of the topics we have to learn.	
21/02/25	Friday	OCR Technology Exploration	focusing on various models and algorithms used in text recognition. I explored the different libraries and tools available for implementing OCR systems and began experimenting with Python libraries like Tesseract.	

