Record of Tasks

Task No.	Task	Description	Planned date	Completion date
1	Define the problem and gather the requirements	Interviewed students and coordinators to understand challenges.	01.11.2024	03.11.2024
2	Research Technologies	Researched Telegram API, Python libraries, and database options.	20.11.2024	20.11.2024
3	Draft Solution Design	Created system design and user interaction diagrams.	22.11.2024	22.11.2024
4	Develop Core Bot Functions	Coded basic bot functions	31.11.2024	31.11.2024
5	Integrate Database	Connected SQLite database to manage user data	31.11.2024	31.11.2024

		and tutor availability.		
6	User Interface Testing	Conducted initial usability testing with a small group of students.	03.01.2025	04.01.2025
7	Debug and Improve Functionality	Fixed bugs identified during testing and refined bot responses.	06.01.2025	10.01.2025
8	Implement Full Solution	Deployed the bot and introduced it to the student body.	01.02.2025	01.02.2025

Testing plan

Test case	Expected Result	Status
Register as a student	A student is successfully registered and stored in the database.	Success
Register as a tutor	A tutor is successfully registered and can update availability.	Success

Search for a tutor	The bot matches the student with an available tutor and provides contact details.	Success
Update tutor availability	Tutor's available time slots are updated in the database.	Success
Handle invalid commands	The bot provides a clear error message and guides the user to the correct command format.	Success