

MCI Project Weekly Time Sheet

Team 5 Student ID a1790922 Week starting: 7

Day	Date	Time In	Time Out	Total hours	Task	How does it fit into project plan?	Outcome/Next action
Monday	25/04/2022	1:30 PM	2:30 PM	1	Group meeting	We schedule client meetings every Monday after the workshop time.	We have completed the login and course search functions. In this week we need to implement the function of displaying the distribution of course grades. For frontend display compatibility issues, I suggest frontend members use bootstrap instead of handwriting CSS to improve compatibility.
Monday	25/04/2022	2:30 PM	3:00 PM	0.5	Write group meeting minutes	Meeting minutes help us summarize the meeting and clarify what everyone has to accomplish during the week.	Completed the minutes of the meeting. During the week I will continue to complete the API for the course part.
Tuesday	26/04/2022	1:00 PM	7:00 PM	6	Course grade API	We need a API that can return the course grade distribution.	According to the needs discussed in the group meeting, the backend needs to provide a unified API. The frontend can enter a course code, and the API returns the grade distribution of this course and the grade distribution of all its prerequisite courses. I have finished the API code, but the query efficiency still needs to be optimized and I will continue this work tomorrow
Wednesday	27/04/2022	8:30 AM	1:30 PM	5	Database query optimization	Fast queries can improve user experience.	I lowered the wait time by optimizing the algorithm to no longer use nested loops to query. The response time has been reduced from more than 2000 milliseconds to less than 1000 milliseconds.
Thursday	28/04/2022	1:00 PM	4:30 PM	3.5	Database query optimization	Fast queries can improve user experience.	My teammates introduced some mongoDB query commands to me, which can significantly save time compared to ordinary find. I did some learning but maybe this week is not enough time to revise and improve. I will try to apply them to the project next week
Friday	29/04/2022	3:00 PM	4:30 PM	2	Test and write API document	Good projects require good testing and documentation.	Completed documentation. But in the test I found that the server will crash in some special cases. I have not found the reason and I will continue this work tomorrow.
Saturday	30/04/2022	11:00 AM	3:30 PM	4.5	Fix bug	Find and fix project bugs through testing.	During testing I found a bug that caused the server to crash due to input parameters not following the input specification. I solved this problem by adding input detection.
Sunday	1/05/2022	9:30 AM	10:30 AM	1	Group meeting	Progress update.	We have confirmed that the front and back ends have completed their respective tasks as expected, and we can show the demo of the course relationship part to the client tomorrow.
Total				23.5			