

MCI Project Weekly Time Sheet

Team 5 Student ID a1790922 Week starting: 8

Day	Date	Time In	Time Out	Total hours	Task	How does it fit into project plan?	Outcome/Next action
Monday	2/05/2022	1:30 PM	2:00 PM	0.5	Client meeting	We schedule client meetings every Monday after the workshop time. We can sync progress with the client and get feedback.	The client was satisfied with our progress and suggested several changes to the functionality: 1. Our pie chart is not obvious enough, and we hope to modify it into a bar chart. 2. Want to add a function to click on a grade to display the future performance of students with this grade.
Monday	2/05/2022	2:00 PM	3:30 PM	1.5	Group meeting	We discussed how to implement the new feature proposed by the client and assigned the work.	We have updated the task allocation on GitHub. And this week I will continue to improve the API of the course and support new features proposed by the client.
Tuesday	3/05/2022	10:00 AM	6:30 PM	8	Course relationship API	The frontend can request data to display the distribution of grades through API.	This API can return the distribution of grades in the main course after taking a certain related course, and supports an optional parameter of course grades. After inputting, you can query the grades of all students whose grades in the related courses are specific grades in the main course.
Wednesday	4/05/2022	9:30 AM	12:30 PM	3	Write the milestone report	The milestone report reflects the results we achieved in the first milestone, and analyzes some problems encountered and improvement plans.	We completed the milestone report and while discussing the difficulties I mentioned that one of our teammates was ill and unable to work during the first milestone. However, in the risk management part of the milestone plan we have identified this risk and given with a solution. In the end, according to the solution, we did not delay the delivery due to this incident.
Thursday	5/05/2022	9:30 AM	12:30 PM	3	Group meeting & milestone report	We can improve the milestone one report.	We reviewed the milestone report draft together and discussed amendments. There is a consultation with Cruz at 11AM and we updated the draft based on the suggestion.
Friday	6/05/2022	2:00 PM	3:30 PM	1.5	Fix bug in the course relationship API	The frontend can request data to display the distribution of grades through API.	My teammates gave me feedback that this API would cause server crashes when repeated queries. I checked and found that the query frequency was too high affecting the server, I solved this problem by limiting the queries allowed per unit time.
Saturday	7/05/2022	10:00 AM	6:30 PM	8	Code efficiency improvement	The clients doesn't want to wait too long for each query.	I used two nested loops to find the union of two arrays (I need to find the grades of students who took both courses). I think this kind of nested loops are time consuming, and I'm trying to improve the problem with other algorithms, but there is no noticeable progress. I will continue to research this issue.
Total				25.5			