

MCI Project Weekly Time Sheet

Team	HA1	Student ID	Manhong Chen a1904387		Week starting: 19-May		
Day	Date	Time In	Time Out	Total hours	Task	How does it fit into project plan?	Outcome/Next action
Monday	5/19	1:00 PM	5:00 PM	4.0	continue testing the results of different weights of attributes for the KNN-CF model	Validating which set of weight can get the best results	setting different weights to the attributes does not work better than before
Tuesday	5/20	1:00 PM	7:00 PM	6.0	1. divide testing plan into different tasks and assign them to each group member 2. complete the testing plan draft	write a document for how to qualify our project outcome	testing plan draft
Wednesday	5/21	12:00 PM	6:00 PM	6.0	try to identify any other metrics to evaluate KNN-CF model	Evaluate the model with several metrics	get the best parameter setting
Thursday	5/22	12:00 PM	3:00 PM	3.0	modify the project prototype with the updated features	prepare for the front-end development	final version for prototype
Friday	5/23	1:00 PM	5:00 PM	4.0	1. merge the parts of testing plan and adjust the format of the document 2. project meeting	ensure what should be improved for our testing plan	get the suggestions on how to modify our testing plan
Saturday	5/24	12:00 PM	3:00 PM	3.0	modify the testing plan according the supervisor's suggestions	finish our testing plan	testing plan final version
Total				26.0			

MCI Project Weekly Time Sheet

Team	HA1	Student ID	Zihan Luo a1916700			Week starting:		19-May
Day	Date	Time In	Time Out	Total hours	Task	plan?	Outcome/Next action	
Monday	5/19	11:00 AM	4:00 PM	5.0	1. Add start.sh script to quick start project. 2. Unify the file name format and start with capital letters. 2. Roll-back the code due to delete other’s code by accident.	Code Engineering	1. Successful quick start the project, and add the start process step to ReadMe. 2. Standard file format. 3. Return the code to the correct version.	
Tuesday	5/20	1:00 PM	6:00 PM	5.0	Two tower model feature weight test	Model test	1. Create 5 different feature weight martics to test the model. 2. Each feature weight martics with the dataset split (train 70%,test 30%)(train 80%,test 20%)(train 90%,test 10%) to test the model.	
Wednesday	5/21	1:00 PM	7:00 PM	6.0	1. Week 10 agenda 2. Code implementation about front and back end	Document and coding	1. Complete Week 10 agenda and upload to github. 2. Finished frontend static page depolyment.	
Thursday	5/22	3:00 PM	10:00 PM	7.0	Test plan report	Assignment	Do second part which is test strategy, include test scope, test report and test assumptions	
Friday	5/23	5:00 PM	8:00 PM	3.0	Test plan report	Assignment	Modify the test plan according to the opinions of the supervisor	
			Total	26.0				

MCI Project Weekly Time Sheet

Team	HA1	Student ID	Ziyan Zhao a1883303		Week starting: 19-May		
Day	Date	Time In	Time Out	Total hours	Task	plan?	Outcome/Next action
Monday	5/19	1:00 PM	4:00 PM	3.0	Try to identify other metrics for evaluating MLP model	Expanding evaluation methods to improve comprehensive model analysis	Applying new evaluation metrics
Tuesday	5/20	1:00 PM	4:00 PM	3.0	Test the impact of different sample sizes on the evaluation indicators in the MLP model	Test under what circumstances the model performs best	Record evaluation metrics under different parameters
Wednesday	5/21	12:00 PM	6:00 PM	6.0	1. Continue to train the model and record evaluation indicators 2. Plan test projects and start writing the Testing plan	Promote model development and start building a testing process	New training results; first draft of test plan
Thursday	5/22	11:00 AM	6:00 PM	7.0	Writing the Testing Plan	Complete project tasks	Test plan documentation
Friday	5/23	12:00 PM	5:00 PM	5.0	1. Continue to train the model and record evaluation metrics 2. Participate in group meetings	Synchronous project progress	1. Modify the Testing plan 2. Retrain the model and record the evaluation indicators
Saturday	5/24	2:00 PM	4:00 PM	2.0	Complete the 10th week meeting minutes	Record key project progress and tasks	Week10 minutes
Total				26.0			

MCI Project Weekly Time Sheet

Team	HA1	Student ID	Jianghao Jin a1880849					Week starting:	19-May
Day	Date	Time In	Time Out	Total hours	Task	How does it fit into project plan?	Outcome/Next action		
Monday	5/19	4:00 PM	8:00 PM	4.0	try to adjust the proportions of different features to test the stability of the two tower model	The results of model testing	record the results		
Tuesday	5/20								
Wednesday	5/21	2:00 PM	5:00 PM	3.0	start the draft of the testing plan	scope of the testing plan	continue write the draft of testing plan		
Thursday	5/22	2:00 PM	10:00 PM	8.0	complete the draft of the testing plan	introduction and scope of the testing plan	final the draft of the testing plan		
Friday	5/23	4:00 PM	9:00 PM	5.0	project meeting and take the suggestions from the supervisor	change the incorrect part	complete the testing plan		
Saturday	5/24	12:00 PM	5:00 PM	5.0	Prepare the plan content for next week, consult and record relevant literature as much as possible	literature review	continue research		
Total				25.0					

MCI Project Weekly Time Sheet

Team	HA1	Student ID	Jianing Dang a1882117		Week starting: 19-May		
Day	Date	Time In	Time Out	Total hours	Task	How does it fit into project plan?	Outcome/Next action
Monday	5/19	11:00 AM	4:00 PM	5.0	Find the literature and go back to modify the previously shelved GNN model to make it more suitable for cold start scenarios. Split the data set and test its functional integrity with a small amount of data.	Reactivating the previously shelved GNN model and optimizing it for cold start scenarios, reflecting the project's flexibility and continuous pursuit of optimal solutions.	Functional testing with 500 data points showed the model runs normally with preliminary results significantly better than NCF. Next step is to continue optimizing the model and increase training data volume.
Tuesday	5/20	11:00 AM	4:00 PM	5.0	Continue to modify the GNN model, find relevant literature, adjust parameters, and improve model accuracy	Continuous model improvement and parameter tuning are core tasks in the project implementation phase. Literature-guided parameter adjustment ensures the scientific nature of the optimization process.	Adjusted the GNN's aggregation function and attention mechanism based on literature suggestions, reduced learning rate from 0.01 to 0.005, and increased batch size to 128.
Wednesday	5/21	11:00 AM	5:00 PM	6.0	Write a test script for GNN to test model performance. Increase the amount of data and the model accuracy continues to be low.	Writing test scripts and scaling up data testing are necessary tasks in the project validation phase.	Next step is to complete the risk assessment section of the testing plan and report issues to the supervisor.
Thursday	5/22	2:00 PM	7:00 PM	5.0	Complete the risk part of the testing plan as required, attend meetings, and modify the testing plan based on supervisor's suggestions.	Completing risk assessment in the testing plan and attending supervisor meetings are important components of the project management process. Modifying the testing plan based on supervisor suggestions reflects the project's quality control and continuous improvement mechanisms.	Completed the risk identification and mitigation strategy sections in the testing plan, identifying key risks such as data sparsity and excessive model complexity.
Friday	5/23	11:00 AM	4:00 PM	5.0	The GNN model has a low accuracy rate and is not suitable for cold start scenarios. We decided to abandon the model and record the process.	Deciding to abandon the GNN model based on experimental results and documenting the complete process reflects decision point management in the project plan.	Formally decided to abandon the GNN model and completed detailed experimental records, including model architecture, parameter settings, performance metrics, and failure cause analysis.
Total				26.0			