Name	PP II CW 2 Rubric 2020
Description	Rubric for the course work 2 [Denuwara Express]. Please go through the assumptions made by the students .

Rubric Detail

Levels of Achievement

Criteria	Poor	Average	Good	Excellent
Add a passenger to the trainQueue **Weight** **15.00%**	**0.00 to 30.00 %** Have NOT Load and Display the waiting room List.Implemented the functionalities with major issues. OR 0 IF the functionality is NOT Implemented.	**30.00 to 50.00 %** Load and Display the Waiting room list from CW1. Have NOT used 1 six sided die to generate the no of passengers which should be move to a queue at a time. Have added the passenger(s) to train Queue with issues. Have NOT checked the train queue availability.	**50.00 to 70.00 %** Load and Display the Waiting room list from CW1. Have used 1 six sided die to generate the no of passengers which should be move to a queue at a time. Have added the passenger(s) to train Queue with minor issues.Displays error if the queue is full.	**70.00 to 100.00 %** Load and Display the Waiting room list from CW1. Have used 1 six sided die to generate the no of passengers which should be move to a queue at a time. Displays Error if queue is full. Have added the passenger(s) to train Queue without re-entering the passenger data.The train Queue GUI is properly arranged.

Criteria	Levels of Achievement			
	Poor	**Average**	**Good**	**Excellent**
View the TrainQueue **Weight** **10.00%**	**0.00 to 30.00 %** Have visualize the train queue with issues. Have NOT displayed the empty seats and Details of the passengers. OR 0 IF the functionality is NOT Implemented.	**30.00 to 50.00 %** Have visualize the train queue with 42 slots without passenger details. Have display empty seats.	**50.00 to 70.00 %** Have visualize the train queue with 42 slots and passenger names against the seats with minor issues.GUI interface is okay.	**70.00 to 100.00 %** Have visualize the train queue with 42 slots and passenger names against the seat if the passenger arrived. If NOT display empty.GUI interface is user friendly.
Delete passenger from the TrainQueue **Weight** **15.00%**	**0.00 to 30.00 %** Delete Passenger from Queue with many issues. No Reordering. OR 0 IF the functionality is NOT Implemented	**30.00 to 50.00 %** Delete Passenger from Queue with issues. Have issues in reordering of the queue.	**50.00 to 70.00 %** Delete Passenger from Train Queue. without issues. Have issues in reordering of the Queue.	**70.00 to 100.00 %** Delete Passenger from the queue without any issues. Reorder the Queue correctly. Displays deleted record.
Store trainQueue data **Weight** **10.00%**	**0.00 to 30.00 %** Store the Train Queue details to file with minor issues. Have NOT Used NoSQL. OR Have NOT utilized Data Structure OR 0 IF the functionality is NOT Implemented	**30.00 to 50.00 %** Store the Train Queue Details stored in the data structure to file without any issues. Have NOT Used NoSQL.	**50.00 to 70.00 %** Store the Train Queue details stored in the data structure to file with minor issues. Have Used NoSQL.	**70.00 to 100.00 %** Store the Train Queue details stored in the data structure to file without any issues. Have Used NoSQL.

Criteria	Levels of Achievement			
	Poor	**Average**	**Good**	**Excellent**
Load TrainQueue data **Weight** **10.00%**	**0.00 to 30.00 %** Load the Train Queue from file to data structure with minor issues. Have NOT Used NoSQL. NOT utilized Data Structure OR 0 IF the functionality is NOT Implemented	**30.00 to 50.00 %** Load the Train Queue details from file to data structure without any issues. Have NOT Used NoSQL.	**50.00 to 70.00 %** Load the Train Queue details from file to data structure with minor issues. Have Used NoSQL.	**70.00 to 100.00 %** Load the Train Queue details from file to data structure without any issues. Have Used NoSQL.

Levels of Achievement

Criteria	Poor	Average	Good	Excellent
Run the simulation and Produce report **Weight** **30.00%**	**0.00 to 30.00 %** Have NOT use correct simulations steps.(NOT used 3 six sided dice) Report is NOT generated in both GUI and Text File. OR 0 IF the functionality is NOT Implemented.	**30.00 to 50.00 %** Have implemented the simulation with issues. (Generate processing time using 3 six sided dice and remove the passenger from the train queue with respect to the time.) Have generate the report to GUI screen with details of the passenger along with the summary with minor issues. Have NOT saved report to a file. Report summary details are NOT accurate.	**50.00 to 70.00 %** Have implemented the simulation. (Generate processing time using 3 six sided dice and remove the passenger from the train queue with respect to the time.) Have generate the report to GUI screen with details of the passenger along with the summary with minor issues. Have saved report to a file.	**70.00 to 100.00 %** Have implemented the simulation. (Generate processing time using 3 six sided dice and remove the passenger from the train queue with respect to the time.) Have generate the report to GUI screen with details of the passenger along with the summary of the maximum length of the queue attained, the maximum waiting time, the minimum waiting time, and the average waiting time of all the passengers. Have saved the report to a Text file. [Maximum marks can be awarded if two queues implementation is performed]

Levels of Achievement

Criteria	Poor	Average	Good	Excellent
Code Quality,Demonstration and Self Assessment Form **Weight 10.00%**	**0.00 to 30.00 %** Have NOT followed naming conventions, improper indentation, do NOT have proper comments. No compilation Errors. GUI elements are NOT working. Do not have clear Idea about functions. No Self Assessment Form.	**30.00 to 50.00 %** Have followed naming conventions, Have proper comments . NO indentation. No compilation Errors. GUI elements are working but NOT arranged properly. Have a reasonable idea on the project. Self Assessment Form is NOT completed.	**50.00 to 70.00 %** Have followed naming conventions, proper indentation, Have insufficient comments. NO compilation Errors. GUI elements are working. A filled Self assessment form is attached. Good knowledge on the functions.	**70.00 to 100.00 %** Have followed naming conventions, proper indentation, Have proper comments, Completed Self assessment is attached. GUI Elements are properly arranged and user Friendly, Have a Good idea on functionalities and the code. Overall Demonstration is excellent.

View Associated Items

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