Assignment 2 Marking Sheet

Student ID: _____   Student Name: _____

Tick the tasks you have implemented:

Tasks	Scores
ClientRequest class (10%): • Class design (provided) • Implementation of `earliestEventDate()` and `latestEventDate()` Note: Include a test in your driver.	
FlightTicket class (10%): • Class design (5%) • Calculation of discount (5%) Note: Include a test in your driver.	
HotelVoucher class (10%) Note: Include a test in your driver.	
EventTicket class (10%) Note: Include a test in your driver.	
Package class (20%): • Data members (the arrays of flight tickets, hotel vouchers and event tickets (objects or pointers) (5%) • Validation of package (5%) • Other functionalities (10%) Note: Include a test in your driver.	
TravelAgent class (25%): • Read client requests and save them into an array or vector of ClientRequest (objects or pointers) (5%) • Calculation of profit (5%) • Generate packages from the requests (10%) • Print successful packages and summary (3%) • Driver for all above classes (2%)	
RequestGenerator class (10%) Note: Can be claimed from any level of code. Must be tested with a separate driver or within the main function.	

SmartTravelAgent class (15%) • Strategies for profit optimization (10%) • Class design and OO quality overall program (5%) Note: You can implement all the smart functionalities (optimizing profit) within TravelAgent class without this new class for 10% marks (lose 5% marks).	
Translate to Java (15%) Note: You must have a C++ implementation first. You may claim less marks for partial translation for partial marks but your Java program must be executable.	
Explanation and understanding (discount)	**%**
Overall marks (out of 100)	

Note: Total marks are 120 for all tasks. You may claim marks for any implemented tasks. You can receive up to 100 marks.