Individual Project Reporting Sheet

Student Details

Name: Syarizal bin Shamsul	Section: 2	Date: 18.11.2020
Topic: A Bus Seat Reservation System	Group Name: Group 7	

Implementation Details

What do I know about the project? *(Project information and its functionalities)*	*Which part of the project I need to develop?* *(Elaborate all the specific tasks assigned by your group leader)*	*How do I develop it?* *(Specific component, API, function, etc., which needed to develop your part)*
Based on what I know, our project is a bus seat reservation system, where consists of 30 seats to be reserved by the user. For our project, it consists of 3 types of seats which are single, aisle, and window. Single seat cost more than a double seat (aisle and window) so we make the price for single seat RM10, and double seat RM5. We used multidimensional array to store the seat number and its type (single, aisle, window). Then, when user choose their seat preferences (whether choose 1 for window, 2 for aisle, 3 for single), we implement the function to assign the user to a seat num and handle it like checking for possible empty seat, and if none available, we will try to assign them to another seat type.	1) Connect html to php. 2) Provide the calculation for seat price for each seat type.	1) After one person did the html interface, where it displays the welcome page and seat information, I connect the html file to the php file. I put the interface code including the user input for seat inside a form where I provide a submit button next to the user input. The submit button then will redirect the form (that includes user input) to our php file to process the code (backend). 2) In the php file, I provide the seat price corresponding to the seat type. Basically, if the user input is 1 (window), I will put the $price (RM5 in this case) inside the if statement for choice 1. Then, inside the if statement, printTicket function will be called. It will pass two parameter which are $seatnum and $price (that I have assigned). Lastly, the printTicket function will print the seat number and total price.

Dr. Muhamad Sadry Abu Seman