***Activity log***

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| **No.** | **Developers** | **Activity/Task** | **Date** | **Duration** | **Description** |
| 1 | Lim Kian Wei, Lim Zhen Ming, Teoh Boon Chuan, Lim Kah Yuan, Lee Xing Yi | Define the entity, attribute of the entity and relationship between each entity. | 22/11/2016 | 2 hours | We discuss which entity is suitable for the system, what are the attribute for each entity, and the relationship between each entity. |
| 2 | Lim Kian Wei, Lim Zhen Ming, Teoh Boon Chuan | Design a database diagram for the system | 22/11/2016 | 2 hours | We design the bus ticketing system database by using Microsoft Access. |
| 3 | Lim Kah Yuan, Lee Xing Yi | Define how to design the system user interface | 22/11/2016 | 1 hour | We discuss which good user interface design principle is suitable to use for the system. |
| 4 | Lim Kian Wei, Teoh Boon Chuan | Create database with the data | 23/11/2016 | 2 hours | We create a SQL statement for each entity include with the data. |
| 5 | Lim Kah Yuan, Lee Xing Yi, Lim Zhen Ming | Create User Interface for the system | 23/11/2016 | 3 hours | We design the bus ticketing system UI by using Netbean. |
| 6 | Lim Zhen Ming | Start to do the function “Display All Staff Detail” | 30/11/2016 | 2 hours | This function is allowing the manager to view all the staff detail in table. |
| 7 | Teoh Boon Chuan | Start to do the function “Display All Bus Detail” | 30/11/2016 | 2 hours | This function is allowing the staff to view all the bus detail in table. |
| 8 | Lee Xing Yi | Start to do the function “Display All Bus Schedule Detail” | 30/11/2016 | 2 hours | This function is allowing the staff to view all the bus schedule detail in table. |
| 9 | Lim Kian Wei | Start to do the function “Display All Booking Detail” | 30/11/2016 | 2 hours | This function is allowing the staff to view all the booking detail in table. |
| 10 | Lim Kah Yuan | Test the function “Display All Staff Detail” | 3/12/2016 | 30 minutes | The tester test the system can get all the data in database or not. |
| 11 | Lim Kah Yuan | Test the function “Display All Bus Detail” | 3/12/2016 | 30 minutes | The tester test the system can get all the data in database or not. |
| 12 | Lim Kah Yuan | Test the function “Display All Bus Schedule Detail” | 3/12/2016 | 30 minutes | The tester test the system can get all the data in database or not. |
| 13 | Lim Kah Yuan | Test the function “Display All Booking Detail” | 3/12/2016 | 30 minutes | The tester test the system can get all the data in database or not. |
| 14 | Lim Zhen Ming | Perform the task “Add Staff Name” | 7/12/2016 | 30 minutes | This function is allowing the manager to add new staff name. |
| 15 | Lim Zhen Ming | Perform the task  “Add Staff IC” | 7/12/2016 | 30 minutes | This function is allowing the manager to add new staff ic. |
| 16 | Lim Zhen Ming | Perform the task  “Add Staff Email” | 7/12/2016 | 30 minutes | This function is allowing the manager to add new staff email. |
| 17 | Lim Zhen Ming | Perform the task  “Add Staff Birthday” | 7/12/2016 | 1 hour | This function is allowing the manager to add new staff birthday. |
| 18 | Lim Zhen Ming | Perform the task  “Add Staff Contact Number” | 7/12/2016 | 30 minutes | This function is allowing the manager to add new staff contact number. |
| 19 | Teoh Boon Chuan | Perform the task  “Add Bus Plate Number” | 7/12/2016 | 30 minutes | This function is allowing the staff to add new bus plate number. |
| 20 | Teoh Boon Chuan | Perform the task  “Add Bus Type” | 7/12/2016 | 30 minutes | This function is allowing the staff to add new bus type. |
| 21 | Teoh Boon Chuan | Perform the task  “Add Bus Status” | 7/12/2016 | 30 minutes | This function is allowing the staff to add new bus status. |
| 22 | Teoh Boon Chuan | Perform the task  “Add Bus Model” | 7/12/2016 | 30 minutes | This function is allowing the staff to add new bus model. |
| 23 | Teoh Boon Chuan | Perform the task  “Add Bus Total Seat” | 7/12/2016 | 30 minutes | This function is allowing the staff to add new bus total seat. |
| 24 | Teoh Boon Chuan | Perform the task  “Add Bus Purchase Date” | 7/12/2016 | 30 minutes | This function is allowing the staff to add new bus purchase date. |
| 25 | Lee Xing Yi | Perform the task  “Add Schedule Departure Date” | 7/12/2016 | 30 minutes | This function is allowing the staff to add new bus schedule departure date. |
| 26 | Lee Xing Yi | Perform the task  “Add Schedule Departure Time” | 7/12/2016 | 30 minutes | This function is allowing the staff to add new bus schedule departure time. |
| 27 | Lee Xing Yi | Perform the task  “Add Schedule Departure Place” | 7/12/2016 | 30 minutes | This function is allowing the staff to add new bus schedule departure place. |
| 28 | Lee Xing Yi | Perform the task  “Add Schedule Destination” | 7/12/2016 | 30 minutes | This function is allowing the staff to add new bus schedule destination. |
| 29 | Lee Xing Yi | Perform the task  “Add Schedule Price” | 7/12/2016 | 30 minutes | This function is allowing the staff to add new bus schedule price. |
| 30 | Lee Xing Yi | Perform the task  “Assign Bus for Schedule” | 7/12/2016 | 30 minutes | This function is allowing the staff to assign bus to new bus schedule. |
| 31 | Lim Kian Wei | Perform the task  “Add Booking Date” | 7/12/2016 | 30 minutes | The function is allowing the staff to add new booking date. |
| 32 | Lim Kian Wei | Perform the task  “Add Quantity Of Seat” | 7/12/2016 | 30 minutes | The function is allowing the staff to add quantity of seat for new booking. |
| 33 | Lim Kian Wei | Perform the task  “Add Number Of Seat” | 7/12/2016 | 30 minutes | The function is allowing the staff to add seat number for the new booking. |
| 34 | Lim Kah Yuan | Perform the task  “Add Payment Date” | 7/12/2016 | 30 minutes | The function is allowing the staff to add payment date. |
| 35 | Lim Kah Yuan | Perform the task  “Add Payment Type” | 7/12/2016 | 30 minutes | The function is allowing the staff to add payment type. |
| 36 | Lim Kah Yuan | Perform the task  “Add Payment Amount” | 7/12/2016 | 30 minutes | The function is allowing the staff to add payment amount. |
| 37 | Lim Kah Yuan | Perform the task  “Add Card Number” | 7/12/2016 | 30 minutes | The function is allowing the staff to add card number for payment. |
| 38 | Lim Kah Yuan | Perform the task  “Add Card Holder Name” | 7/12/2016 | 30 minutes | The function is allowing the staff to add card holder name for payment. |
| 39 | Lim Kah Yuan | Perform the task  “Add Card Expiry Date” | 7/12/2016 | 30 minutes | The function is allowing the staff to add card expiry date for payment. |
| 40 | Lim Kah Yuan | Perform the task  “Add Card Type” | 7/12/2016 | 30 minutes | The function is allowing the staff to add card type for payment. |
| 41 | Lim Kah Yuan | Perform the task  “Add Card Bank“ | 7/12/2016 | 30 minutes | The function is allowing the staff to add card bank for payment. |
| 42 | Lim Zhen Ming | Test the function “Add Staff” | 10/12/2016 | 1 hour | The testing is test the staff record can be added to database or not. |
| 43 | Teoh Boon Chuan | Test the function “Add Bus” | 10/12/2016 | 1 hour | The testing is test the bus record can be added to database or not. |
| 44 | Lee Xing Yi | Test the function “Add Bus Schedule” | 10/12/2016 | 1 hour | The testing is test the bus schedule record can be added to database or not. |
| 45 | Lim Kian Wei | Test the function “Add Booking” | 10/12/2016 | 1 hour | The testing is test the booking record can be added to database or not. |
| 46 | Lim Kah Yuan | Test the function “Add Payment” | 10/12/2016 | 1 hour | The testing is test the payment record can be added to database or not. |
| 47 | Lim Zhen Ming | Perform the task “Update Staff Email” | 13/12/2016 | 30 minutes | This function is allowing the manager to update staff email. |
| 48 | Lim Zhen Ming | Perform the task “Update Staff Contact Number” | 13/12/2016 | 30 minutes | This function is allowing the manager to update staff contact number. |
| 49 | Teoh Boon Chuan | Perform the task “Update Bus Status” | 13/12/2016 | 30 minutes | This function is allowing the staff to update bus status. |
| 50 | Teoh Boon Chuan | Perform the task “Update Bus Model” | 13/12/2016 | 30 minutes | This function is allowing the staff to update bus model. |
| 51 | Teoh Boon Chuan | Perform the task “Update bus plate number” | 13/12/2016 | 30 minutes | This function is allowing the staff to update bus plate number. |
| 52 | Lee Xing Yi | Perform the task “Update Schedule Date” | 13/12/2016 | 30 minutes | This function is allowing the staff to update bus schedule date. |
| 53 | Lee Xing Yi | Perform the task “Update Schedule Time“ | 13/12/2016 | 30 minutes | This function is allowing the staff to update bus schedule time. |
| 54 | Lim Zhen Ming | Test the function “Update Staff” | 16/12/2016 | 1 hour | The testing is test the staff record can be updated to database or not. |
| 55 | Teoh Boon Chuan | Test the function “Update Bus” | 16/12/2016 | 1 hour | The testing is test the bus record can be updated to database or not. |
| 56 | Lee Xing Yi | Test the function “Update Bus Schedule” | 16/12/2016 | 1 hour | The testing is test the bus schedule record can be updated to database or not. |
| 57 | Lim Kian Wei | Perform the task “Cancel Booking” | 20/12/2016 | 1 hour | This function is allowing the staff to cancel booking. |
| 58 | Lim Kah Yuan | Perform the task “Delete Staff Detail” | 20/12/2016 | 30 minutes | This function is allowing the manager to delete staff details. |
| 59 | Lim Kah Yuan | Perform the task “Delete Bus Detail” | 20/12/2016 | 30 minutes | This function is allowing the staff to delete bus details. |
| 60 | Lim Kian Wei | Test the function “Cancel Booking” | 22/12/2016 | 1 hour | The testing is test the booking record can be updated to database or not. |
| 61 | Lim Kah Yuan | Test the function “Delete Bus” | 22/12/2016 | 30 minutes | The testing is test the bus record can be deleted from database or not. |
| 62 | Lim Kah Yuan | Test the function “Delete Staff” | 22/12/2016 | 30 minutes | The testing is test the staff record can be deleted from database or not. |