Sprint Backlog - Bus Ticketing System (1 Sprint)

|  |  |  |
| --- | --- | --- |
| User Story : Design database for the system | | |
| Date | Task | Duration(hour) |
| 10/11 | Design admin database table | 3 |
| 11/11 | Design staff database table | 3 |
| 14/11 | Design bus database table | 3 |
| 15/11 | Design bus schedule database table | 2 |
| 16/11 | Design route database table | 3 |
| 17/11 | Design ticket database table | 4 |
| 18/11 | Design payment database table | 3 |
| 21/11 | Checking databases with the team to synchronize as a whole | 8 |

|  |  |  |
| --- | --- | --- |
| User Story : User able to log in to the system | | |
| Date | Task | Duration(hour) |
| 22/11 | Create textbox to enter id and its event handler code | 2 |
| 23/11 | Create textbox to enter password and its event handler code | 3 |
| 24/11 | Create Login button for user and the button handler code | 2 |
| 25/11 | Create exit button and its event handler code | 1 |
| 28/11 | Design Login graphic user interface | 4 |
| 29/11 | Do the acceptance test cases designed by client | 5 |

|  |  |  |
| --- | --- | --- |
| User Story: User can view the bus schedule | | |
| Date | Task | Duration(hour) |
| 14/11 | Design table that allow user to scroll | 1 |
| 15/11 | Design table that allow user to scroll | 2 |

|  |  |  |
| --- | --- | --- |
| User Story: User able add new schedule for bus schedule | | |
| Date | Task | Duration(hour) |
| 16/11 | Able to select bus id, route id, driver id and allow to insert seat number. | 2 |
| 17/11 | Able to select date from calendar and allow to insert time. | 2 |
| 18/11 | Testing the data retrieving for bus schedule | 3 |

|  |  |  |
| --- | --- | --- |
| User Story: User able to add bus record | | |
| Date | Task | Duration(hour) |
| 21/11 | Able to insert plate number, amount of year, road tax and able to select insurance expiry date and status | 2 |
| 22/11 | Able to insert plate number, amount of year, road tax and able to select insurance expiry date and status | 2 |

|  |  |  |
| --- | --- | --- |
| User Story: User able add new schedule for bus schedule | | |
| Date | Task | Duration(hour) |
| 23/11 | Able to update bus id, route id, driver id, seat number, date and time. | 2 |
| 24/11 | After double click a new interface will prompt | 1 |
| 25/11 | Restricted the update date and time after the current date | 3 |

|  |  |  |
| --- | --- | --- |
| User Story: Unable to have empty field in seat number while selecting other field and button | | |
| Date | Task | Duration(hour) |
| 28/11 | Set 0 as default. | 2 |

|  |  |  |
| --- | --- | --- |
| User Story: User able to select a trip from calendar | | |
| Date | Task | Duration(hour) |
| 14/11 | Design the selection field of calendar to let user select date and month | 1 |
| 15/11 | Design table that allow user to view the trip after select date and month from calendar field | 1 |
| 16/11 | Design the text field group to let user view and double-check for the selected trip details and information | 2 |
| 17/11 | Code for the design field to make it functional | 5 |
| 18/11 | Testing the code if it is working | 1 |
| 23/11 | Design the UI and layout arrangement | 2 |
| 24/11 | Code the T-SQL statement to retrieve correct dataset in the table and text field, user able to view the trip details and information | 5 |
| 25/11 | Testing the data retrieving from bus schedule to display the trip details and information | 1 |
| 28/11 | Testing the code if it is working | 1 |

|  |  |  |
| --- | --- | --- |
| User Story: Add Staff | | |
| Date | Task | Duration(hour) |
| 14/11 | Design the layout of the Add staff page | 2 |
| 15/11 | Design some field with rich textbox for IC number and phone number field. | 2 |
| 16/11 | Generate ID with the prefix ST with 3 digit start with 001. EG: ST001 | 3 |
| 17/11 | Validation checking for tall the text field. | 1 |
| 23/11 | Bug solving. ID not generate properly. | 2 |
| 24/11 | Enhance layout. Change error message to error provider. | 3 |
| 25/11 | Bug solving. Error not set properly. | 2 |
| 28/11 | Name format, only allow alphabetic | 2 |

|  |  |  |
| --- | --- | --- |
| User Story: User able to add route | | |
| Date | Task | Duration(hour) |
| 15/11 | Design the layout of the add route page | 2 |
| 16/11 | Design some field with combo box to select station departure and end and text field for bus fare. | 2 |
| 17/11 | Generate ID with the prefix R with 3 digit start with 001. EG: R001 | 3 |
| 18/11 | Testing the data is added into database after clicking the add button. | 2 |
| 23/11 | Validation checking for the text field of bus fare only can insert digit with 2 decimal place. | 3 |
| 25/11 | Enhance layout with giving the simple error message. | 1 |
| 28/11 | Design a button that can clear all fields. | 2 |