Sprint Planning (Sprint 2)

Date: 28 November 2016 – 11 December 2016

Sprint Goal: To create a core layer of function in every module.

Product Backlog

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| Priority (Lower number higher priority) | Product Backlog |
| 1 | As a Developer, I need 4 tier object oriented programming with domain, database, control, UI so that I can encapsulate data and manage data flow with ease. |
| 2 | As a counter staff, I want filter option such as source, destination and date in the trip selection page so that it is convenient to search for a particular location and date. |
| 3 | As a manager of the bus ticketing system, I able to put supervisor in each of the counter that I selected so that I able to have a better management control in each counter. |
| 4 | As a counter staff, I want payment system can calculate GST amount so customer able to know how many of tax they require to pay. |
| 5 | As a Driver, I want to have access to view all the travel location the company have even though there is no assignment on me so that I can have an overview of where the company capable of travelling. |
| 6 | As a counter staff, I want payment system able to calculate grand total of price so customer can know how much they need to pay. |
| 7 | As a manager, I want the system able to produce monthly and yearly report for the transaction and exception |
| 8 | As a Driver, I want to have filter to categorize the Ticket sold for the trip to see what I want to see. |
| 9 | As a Driver, I want to have my login page to be simple and clean so I can avoid mistake and slow reaction because I am not a good technology user. |
| 10 | As a Counter Staff, I want payment system can insert amount paid from customer so I can give back customer changes money when customer paid more than grand total. |
| 11 | As Counter Staff, I want payment system able to display ticket and receipt after finish payment so customer can get their ticket and receipt for reference. |
| 12 | As a manager, I want to know about my employee information so that I can make arrangement on the timetable |
| 13 | As a manager, I want the tickets to be refundable because customer might request for refund due to some emergencies. |
| 14 | As a counter staff, I want the trip details to be shown clearly so that the chances of making mistake is lower. |
| 15 | As a counter staff, I want sorting for the trips in the trip selection page so that it is easier to view and identify the latest trip. |

Sprint Backlog

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| Selected Product Backlog | Task | Approximate Time (hours) |
| As a Developer, I need 4 tier object oriented programming with domain, database, control, UI so that I can encapsulate data and manage data flow with ease. | * Design Database * Design Process * Code Database * Code Process * Test Module | 12 hours |
| As a counter staff, I want filter option such as source, destination and date in the trip selection page so that it is convenient to search for a particular location and date. | * Design UI * Design Process * Code UI * Code Process * Test Module | 12 hours |
| As a manager of the bus ticketing system, I able to put supervisor in each of the counter that I selected so that I able to have a better management control in each counter. | * Design UI * Design Database * Design Process * Code UI * Code Database * Code Process * Test Module | 6 hours |
| As a counter staff, I want payment system can calculate GST amount so customer able to know how many of tax they require to pay. | * Design UI * Design Database * Design Process * Code UI * Code Database * Code Process * Test Module | 12 hours |
| As a Driver, I want to have access to view all the travel location the company have even though there is no assignment on me so that I can have an overview of where the company capable of travelling. | * Design UI * Design Process * Code UI * Code Process * Test Module | 14 Hours |
| As a counter staff, I want payment system able to calculate grand total of price so customer can know how much they need to pay. | * Design UI * Design Database * Design Process * Code UI * Code Database * Code Process * Test Module | 16 hours |

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| As a manager, I want the system able to produce monthly and yearly report for the transaction and exception | * Design UI * Design Database * Design Process * Code UI * Code Database * Code Process * Test Module | 10 hours |
| As a Driver, I want to have filter to categorize the Ticket sold for the trip to see what I want to see. | * Design UI * Design Process * Code UI * Code Process * Test Module | 6 Hours |