Sprint Planning (Sprint 1)

Date: 14 November 2016 – 27 November 2016

Sprint Goal: To start with basic function of bus ticket system with create, retrieve, update, and delete feature.

Product Backlog

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| Priority (Lower number higher priority) | Product Backlog |
| 1 | As a Counter Staff, I would like the tickets to be color coded, so a quick glance can tell me the status. |
| 2 | As a counter staff, I want to access payment interface so I able to look how is payment interface look like. |
| 3 | As a manager of the bus ticketing system, only I able to create, retrieve, update and delete on information about the bus, trip and route. |
| 4 | As a counter staff, I want payment system can insert discount so it able to rebate payment. |
| 5 | As a Counter Staff, I want seat selection to be reversible because customer changes their mind easily. |
| 6 | As a counter staff, I want payment system can calculate subtotal of price. Because it able to display price before tax and discount. |
| 7 | As a Driver, I want to have the schedules properly assigned to make sure there is no conflict on traveling. |
| 8 | As a Driver, I want to view my past and future scheduled trip details in order to check where and when I should travels. |
| 9 | As a manager of the bus ticketing system, only I able to view the transaction, exception and summary report so that I make the decision making on how to improve on my bus ticketing system and business. |
| 10 | As a Counter Staff, I want visualize the seat position of the bus so customer can identify their seats easily. |
| 11 | 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. |
| 12 | 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. |
| 13 | 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. |
| 14 | 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. |
| 15 | As a manager, I want the system able to produce monthly and yearly report for the transaction and exception |
| 16 | As a Driver, I want to have filter to categorize the Ticket sold for the trip to see what I want to see. |

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| 17 | 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. |
| 18 | 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. |
| 19 | 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. |
| 20 | As a manager, I want to know about my employee information so that I can make arrangement on the timetable |

Sprint Backlog

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| Selected Product Backlog | Task | Approximate Time (hours) |
| As a Counter Staff, I would like the tickets to be color coded, so a quick glance can tell me the status. | * Design UI * Code UI * Code Process * Test Module | 5 hours |
| As a counter staff, I want to access payment interface so I able to look how is payment interface look like. | * Design UI * Code UI * Test Module | 6 hours |
| As a manager of the bus ticketing system, only I able to create, retrieve, update and delete on information about the bus, trip and route. | * Design UI * Design Database * Design Process * Code UI * Code Database * Code Process * Test Module | 27 hours |
| As a counter staff, I want payment system can insert discount so it able to rebate payment. | * Design UI * Design Database * Design Process * Code UI * Code Database * Code Process * Test Module | 12 hours |
| As a Counter Staff, I want seat selection to be reversible because customer changes their mind easily. | * Design UI * Code UI * Code Process * Test Module | 7 hours |
| As a counter staff, I want payment system can calculate subtotal of price. Because it able to display price before tax and discount. | * Design UI * Design Database * Design Process * Code UI * Code Database * Code Process * Test Module | 15 hours |

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| As a Driver, I want to have the schedules properly assigned to make sure there is no conflict on traveling. | * Design UI * Design Database * Design Process * Code UI * Code Database * Code Process * Test Module | 15 Hours |
| As a Driver, I want to view my past and future scheduled trip details in order to check where and when I should travels. | * Design UI * Design Process * Code UI * Code Process * Test Module | 13 Hours |
| As a manager of the bus ticketing system, only I able to view the transaction, exception and summary report so that I make the decision making on how to improve on my bus ticketing system and business. | * Design UI * Design Database * Design Process * Code UI * Code Database * Code Process * Test Module | 13 hours |
| As a Counter Staff, I want visualize the seat position of the bus so customer can identify their seats easily. | * Design UI * Code UI * Code Process * Test Module | 5 hours |