**Sprint Planning Report(Sprint 1)**

**Sprint Duration**: 3 weeks

**Attendees**: Yeoh Hui Suen(Product Owner),Liew Ken Hieng ,Lee Yi Hao ,Lee  Zi Xiang and

Tham Weng Keong.

**Sprint goal:** Implement basic taxi management system functionality including add, view and update for Customer, Driver and Reservation module. Payment module with only payment by card function.

**Product Backlog**

|  |  |
| --- | --- |
| **Priority** | **Product Backlog Item** |
| 1 | Add Customer Record |
| 2 | Add Driver Record |
| 3 | Add Reservation Record |
| 4 | Payment By Card |
| 5 | View Customer Record |
| 6 | View Driver Record |
| 7 | View Reservation Record |
| 8 | Update Customer Record |
| 9 | Update Driver Record |
| 10 | Update Reservation Record |
| 11 | Reservation Cancellation |
| 12 | Cancel  Payment |
| 13 | Customer Login |
| 14 | Driver Login |
| 15 | Customer Password Recovery |
| 16 | Driver Password Recovery |
| 17 | Customer Monthly Summary Report |
| 18 | Customer Yearly Summary Report |
| 19 | Reservation Exception Report |
| 20 | Reservation Monthly Summary Report |

**Sprint Backlog**

|  |  |
| --- | --- |
| **Committed Backlog Item** | **Task(Estimate time)** |
| Add Customer Record   * As a customer, I can add username so that I can login * As a customer, I can add password so that I can login * As a customer, I can add full name so that I am recognized by driver and make reservation * As a customer, I can add contact number so that I can be contacted by driver and staff * As a customer, I can add email address so that i can receive the latest news and promotion * As a customer, I can add date of birth so that staff can send me birthday wishes and birthday promotion or voucher. | * Create Database(2 hours) * Design screen layout(1 hour) * Get feedback from user about the screen layout.(2 hours) * Perform coding(2 hours) * Test the program(3 hours) |
| Add Driver Record   * As a new driver, I need to fill in all the information required when register, so that my detail will add in database as new driver. | * Create Database(2 hours) * Design screen layout(1 hour) * Get feedback from user about the screen layout.(2 hours) * Perform coding(2 hours) * Test the program(3 hours) |
| Add Reservation Record   * As a customer, I am able to make reservation with the system so that I do not need waste time to find taxi when I need it. | * Create Database(2 hours) * Design screen layout(1 hour) * Get feedback from user about the screen layout.(2 hours) * Perform coding(2 hours) * Test the program(3 hours) |
| Add Payment By Card Record   * As a customer, I can make payment with card by entering card type, card number, card security code and expiry date, so that the system will verify the card and able to make payment. | * Create Database(2 hours) * Design screen layout(1 hour) * Get feedback from user about the screen layout.(2 hours) * Perform coding(2 hours) * Test the program(3 hours) |
| View Customer Record   * As a customer, I can view username so that I can verify the username is correct. * As a customer, I can view full name so that I can verify the username is correct. * As a customer, I can view contact number so that I can verify the contact number is correct. * As a customer, I can view email address so that I can verify the email address is correct. * As a customer, I can view date of birth so that I can verify the date of birth is correct. | * Create Database(2 hours) * Design screen layout(1 hour) * Get feedback from user about the screen layout.(2 hours) * Perform coding(2 hours) * Test the program(3 hours) |
| View Driver Record   * As a driver, i am allowed to view driver username, password, full name, ic number(unique), contact number(unique), email address(unique), home address, taxi company name, taxi plate number(unique), date of birth, license expiry so that can verify all detail is correct. | * Create Database(2 hours) * Design screen layout(1 hour) * Get feedback from userabout the screen layout.(2 hours) * Perform coding(2 hours) * Test the program(3 hours) |
| View Reservation Record   * As a customer, I am able to view the reservation record that I had make so that I can check the detail whenever I want. |  Create Database(2 hours)   Design screen layout(1 hour)   Get feedback from user about the screen layout.(2 hours)   Perform coding(2 hours)   Test the program(3 hours) |
| Update Customer Record   * As a customer, I can update full name so that full name is corrected. * As a customer, I can update contact number so that contact number is corrected. * As a customer, I can update email address so that email address is corrected. | * Create Database(2 hours) * Design screen layout(1 hour) * Get feedback from user about the screen layout.(2 hours) * Perform coding(2 hours) * Test the program(3 hours) |
| Update Driver Record   * As a driver, i am allowed to update driver username, password, full name, ic number(unique), contact number(unique), email address(unique), home address, taxi company name, taxi plate number(unique), date of birth, license expiry date so that record is corrected. | * Create Database(2 hours) * Design screen layout(1 hour) * Get feedback from user about the screen layout.(2 hours) * Perform coding(2 hours) * Test the program(3 hours) |
| Update Reservation Record   * As a customer, I am able to update the pick-up location and destination before 2 hours of pick up time so that I do not need to make cancellation. | * Create Database(2 hours) * Design screen layout(1 hour) * Get feedback from user about the screen layout.(2 hours) * Perform coding(2 hours) * Test the program(3 hours) |