**Sprint Planning Meeting**

**Sprint Goal:** We would like to implement the admin login module, main admin page module, generate report module, edit personal information module and main user page module.

**Sprint Backlog:**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| User  Story | Tasks | Day  1 | Day  2 | Day  3 | Day  4 | Day  5 | Day  6 | Day  7 | Day  8 | Day  9 | Day  10 | Day  11 | Day  12 | Day  13 | Day  14 |
| As a staff of library, I want to log in as admin so that I can use exclusive function for staff. | Admin Login | 0 | 0 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Main Admin Page | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| As a manager of library, I want to view library reports so that I can make future decision. | Generate Report | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 4 | 0 | 0 |
| As a user of library system, I want to edit personal information so that I can change my personal information. | Edit Personal Information | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 6 | 0 | 0 |
| Main User Page | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 |

|  |  |  |  |
| --- | --- | --- | --- |
| **User Story** | **Time estimated (Hours)** | **Point** | **Developers** |
| -As a staff of library, I want to log in as admin so that I can use exclusive function for staff.  -Design the user interface of the Admin Login page  -Design the user interface of the main Admin page  -The Admin Login page is coded based on the user story and the user interface.  -The main admin page is coded based on the user story and the user interface. | 4  2  4  2 | 3 | Chong Khuan Chen, Ooi Chun Chiat, Teh Zhi Rou, Yu Ke Quan |
| -As a manager of library, I want to view library reports so that I can make future decision.  -Do some coding based on the user story. Test the program by retrieving all the details from the database.  -Come out with a design of the report. | 6  4 | 3 | Teh Zhi Rou, Yu Ke Quan |
| -As a user of library system, I want to edit personal information so that I can change my personal information.  -Do some coding based on the user story and test the program by retrieving the user’s information from the database storing it back  after edit.  -Design the user interface of the main edit personal information page  -Design and code the Main user page | 6  6  4 | 3 | Chong Khuan Chen, Ooi Chun Chiat |
|  | Total Time Estimated: **38** | Total Story Points: **9** |  |

**Estimated hours per point = 38 / 9**

**= 4.222**

**= 4 hours**

**Team Capacity**

|  |  |  |
| --- | --- | --- |
| **Name** | **Worst Case Per Week** | **Best Case Per Week** |
| Chong Khuan Chen | 27 | 32 |
| Ooi Chun Chiat | 26 | 34 |
| Teh Zhi Rou | 26 | 35 |
| Yu Ke Quan | 28 | 33 |

**Calculate:**

|  |  |  |
| --- | --- | --- |
|  | **Worst Case (Low Velocity)** | **Best Case (High Velocity)** |
| Total team capacity per week : | 107 | 134 |
| Total team capacity per 2-week sprint : | 214 | 268 |
| Total team capacity per 2-week sprint / Estimated hours per point | 214 / 4 = 53 | 268 / 4 = 67 |