|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | | | | | | | |
|  | | **Progress Report** | | | | |  | |
|  |  | | | | | | |  |
|  | | | | **Team 6**  **iHome** |  | | | |
|  | | | | **Date**  8 April 2021  **Course Title**  Graduate Certificate in Architecting Scalable Systems |  | | | |
|  | | |  | | |  | | |

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# Summary of Work Done

Note: Summary of Work Done is an accumulated list from the commencement of the project.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Task # | Sub-Task No. | Task Name | Actual Start Date | Actual End Date | Duration (HRS) | Person In-Charge | Status |
| **1 – Design** | | | | | | | |
|  | 1.1 | System Design | 22 Feb 2021 | 1 March 2021 | 8 | All | Completed |
| **2 – Development Environment Set-up** | | | | | | | |
|  | 2.1 | Development environment set-up  - IDE  - Database  - Git | 14 Mar 2021 | 18 Mar 2021 | 24 | All | Completed |
|  | 4/5/6/7 | Development | 19 Mar 2021 | 22 Apr 2021 | 174 | All | In Progress |
| 3 - Report | | | | | | | |
|  | Report | Report & PPT | 05 Apr 2021 | 25 Apr 2021 | 114 | All | In Progress |

# Effort Expended

|  |  |  |  |
| --- | --- | --- | --- |
| Team Member Name | Total Hours Required (10 working days) | Hours Spent since Last Progress Update | Hours spent as at 8 April 2021 (accumulative) |
| Liang Mengfei | **80** | 14 | 30 |
| Lam Weng Cong | **80** | 14 | 30 |
| Zhang Yuting | **80** | 14 | 30 |
| Vanessa Lim Yurong | **80** | 14 | 30 |

# Problems Encountered

Note: Problems listed here are accumulative from the commencement of the project.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sub-Task No. | Reported Date | Problem & Description | Corrective Action | Status | Resolved Date |
|  | 18-03-21 | Set up MySQL DB |  | Done | 25-03-21 |

# Plan for the Next 2 Weeks

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Task # | Sub-Task No. | Task Name | Expected Start Date | Expected End Date | Duration | Person In-Charge |
| **3 – Environment Set-up** | | | | | | |
|  | 3.1 | Development environment set-up  - IDE  - Database  - Git | 18 Mar 2021 | 2 April 2021 | 24 | All |
| **4 – Service – Account creation** | | | | | | |
|  | 4.1 | Create user account | 3 April 2021 | 8 April 2021 | 6 | Yuting |
|  | 4.2 | Update user info | 8 April 2021 | 22 April 2021 | 6 | Yuting |
|  | 4.3 | View user info | 8 April 2021 | 22 April 2021 | 6 | Yuting |
| **5 – Service – Booking service** | | | | | | |
|  | 5.1 | Search service page | 3 April 2021 | 8 April 2021 | 6 | Mengfei |
|  | 5.2 | Recommendation logic | 3 April 2021 | 22 April 2021 | 6 | Mengfei |
|  | 5.3 | Display search result page | 3 April 2021 | 22 April 2021 | 6 | Mengfei |
|  | 5.4 | Display page for individual service vendor | 3 April 2021 | 22 April 2021 | 6 | Mengfei |
|  | 5.5 | Add service to cart | 3 April 2021 | 22 April 2021 | 6 | Vanessa |
|  | 5.6 | View cart | 3 April 2021 | 22 April 2021 | 6 | Vanessa |
|  | 5.7 | View booking summary | 3 April 2021 | 22 April 2021 | 6 | Vanessa |
| **6 – Service – Payment service** | | | | | | |
|  | 6.1 | Apply promote code | 3 April 2021 | 22 April 2021 | 6 | Weng Cong |
|  | 6.2 | Link to payment service provider | 3 April 2021 | 22 April 2021 | 6 | Weng Cong |
|  | 6.3 | View invoice | 3 April 2021 | 22 April 2021 | 6 | Weng Cong |
| **7 – Service – Customer rating service** | | | | | | |
|  | 7.1 | Customer rating page | 3 April 2021 | 22 April 2021 | 6 | Vanessa |
| **8 – Report & PPT** | | | | | | |
|  | Report | - | 5-Apr-2021 | 26-Apr-2021 | 57 | All |
|  | PPT | - | 5-Apr-2021 | 26-Apr-2021 | 57 | All |
| **9 – System testing and deployment** | | | | | | |
|  |  | System testing and deployment | 18-Mar-2021 | 26-Apr-2021 | 90 | All |

# Appendix

## Scope of Work

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Task # | Sub-Task No. | Task Name | Duration | Person In-Charge | Scope Type |
| **1 - Design** | | | |  |  |
|  | 1.1 | System design | 2 days |  |  |
| **2 – Development Environment Set-up** | | | |  |  |
|  | 2.1 | Development environment set-up  - IDE  - Database  - Project Wiki  - Git | 1 day |  |  |
| **3 – Cloud Environment Set-up** | | | |  |  |
|  | 3.1 | AWS EC2 | 4 day |  |  |
| **4 – Service – Account creation** | | | |  |  |
|  | 4.1 | Create user account | 1 day |  |  |
|  | 4.2 | Update user info | 1 day |  |  |
|  | 4.3 | View user info | 1 day |  |  |
| **5 – Service – Booking service** | | | |  |  |
|  | 5.1 | Search service page | 1 day |  |  |
|  | 5.2 | Recommendation logic | 3 days |  |  |
|  | 5.3 | Display search result page | 1 day |  |  |
|  | 5.4 | Display page for individual service vendor | 1day |  |  |
|  | 5.5 | Add service to cart | 3 days |  |  |
|  | 5.6 | View cart | 1 day |  |  |
|  | 5.7 | View booking summary | 1 day |  |  |
| **6 – Service – Payment service** | | | |  |  |
|  | 6.1 | Apply promote code | 1 day |  |  |
|  | 6.2 | Link to payment service provider | 5 days |  |  |
|  | 6.3 | View invoice | 1 day |  |  |
| **7 – Service – Customer rating service** | | | |  |  |
|  | 7.1 | Customer rating page | 1 day |  |  |
| **8 – System testing** | | | |  |  |
|  | 8.1 | Testing | 5 days |  |  |
| **9 – Documentation** | | | |  |  |
|  | 9.1 | Project Report | 5 days |  |  |
|  | 9.2 | Progress Report | 1 day |  |  |
| **Total man days** | | | 40 days |  |  |