**Defect Management Tool**

**Product Backlog List**

**Sprint 1 (Weeks 3-5)**

|  |  |  |
| --- | --- | --- |
| Activities | Manpower | Member |
| Requirements Specification | 10 | Lyu Guanchen |
| Summary Design Specification | 10 | Wang Yuchen |
| Software testing plan | 5 | Ding Yi |
| Prototyping | 5 | Lyu Guanchen |
| Software architecture design | 10 | Wang Yuchen |
| Feasibility analysis and development plan | 5 | Li Jiayi |
| Total | 45 |  |

**Sprint 2(Weeks 6-9)**

1. **VScode front-end tool development**

|  |  |  |
| --- | --- | --- |
| Activities | Manpower | Member |
| User login\logout | 15 | Wang Jiahe |
| Multiple toolbar display | 20 | Wang Jiahe |
| Defect list query | 10 | Lyu Guanchen |
| Defect list display | 20 | Lyu Guanchen |
| Defect details display | 15 | Ha Yanguang |
| Defect information modification | 10 | Ha Yanguang |
| Defect submission | 15 | Li Jiayi |
| Defect information statistics | 25 | Li Jiayi |
| Total | 130 |  |

1. **Java back-end development**

|  |  |  |
| --- | --- | --- |
| Activities | Manpower | Member |
| User login\logout | 10 | Ding Yi |
| Defect list display | 25 | Ding Yi |
| Defect submission | 10 | Ding Yi |
| Defect statistics | 15 | Wang Yuchen |
| Total | 60 |  |

**Sprint 3(Weeks 10-13)**

1. **VScode front-end tool development**

|  |  |  |
| --- | --- | --- |
| Activities | Manpower | Member |
| Line selection typing | 20 | Wang Jiahe |
| Typing feedback | 10 | Ha Yanguang |
| Daily scheduled message reminder | 10 | Wang Jiahe |
| Total | 40 |  |

1. **Java back-end development**

|  |  |  |
| --- | --- | --- |
| Activities | Manpower | Member |
| Deployment to server | 10 | Wang Yuchen |
| Defect Synchronization | 15 | Wang Yuchen |
| Total | 20 |  |

**Total workload: 295 pts**