## Product Backlogs

**Product Backlogs**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **No.** | **As a(n)** | **I want to** | **So that** | **Priority** | **Sprint** |
| 1 | Admin | See some data  visualization | I can understand the statistical side of the system | Should | 2 |
| 2 | Admin | See all of the available data in the  database | I can manage the system | Should | 2 |
| 3 | Admin | Have complete control over some non-critical elements such as category ideas, ideas, topic and deadline’ | I can control the flow of the system | Should | 2 |
| 4 | User | Upload my contribution to the system | I can submit my idea | Could | 1 |
| 5 | User | Manage my  Submitted idea | I can modify my uploaded idea | Could | 1 |
| 6 | User | Comments on ideas | I can talk to them more about their/my  ideas | Could | 1 |
| 7 | QA Manager | Manage all the ideas | I can check the  quality of the ideas | Could | 2 |
| 8 | QA Manager | See all of the  Available departments | I can manage the quality departments | Could | 2 |
| 9 | QA Coordinator | Comments on ideas | I can talk to them more about their  ideas | Could | 3 |
| 10 | QA Coordinator | React on the ideas | I can show to them how I feel about their ideas | Could | 3 |
| 11 | QA Coordinator | View all ideas from the departments | I can manage the idea on the departments | Could | 3 |
| 12 | QA Coordinator | View all users from the departments | I can manage the user on the departments | Could | 3 |
| 13 | QA Coordinator | Comments on ideas | I can talk to them more about their  contributions | Could | 3 |
| 14 | QA Coordinator | React on the ideas | I can show to them how I feel about their ideas | Could | 3 |

## Sprint Backlogs

### Application Development

**Application Development Sprint Backlogs**

|  |  |  |
| --- | --- | --- |
| **User Story** | **Tasks** | **Estimated**  **Effort (hours)** |
| **Sprint 1** |  | 60 |
| User can see available terms, upload ideas and manage uploaded ideas | Configure database for the API | 12 |
| Create wireframes and  prototypes for User | 12 |
| Create back-end API that can response with  appropriate data | 12 |
| Create front-end interface for User | 12 |
| Test and document the  result | 12 |
| Configure database for the API | 12 |
| **Sprint 2** |  | 60 |
| An admin can see the statistic reports and exception reports, An admin can view every data in the database, An admin can have complete control over non-critical data | Update database for report generation | 6 |
| Create wireframes and  prototypes for Admin | 3 |
| Create back-end API that can response with report data | 6 |
| Create front-end interface | 6 |
| for Admin | 6 |
| Test and document the  result | 6 |
| Manager can manage ideas, see all the available departments | Configure database for the API | 3 |
| Create wireframes and prototypes for Manager | 6 |
| Create back-end API that can response with  appropriate data | 6 |
| Create front-end interface for Manager | 6 |
| Test and document the  result | 3 |
| Configure database for the API | 3 |
| **Sprint 3** |  | 20 |
| QA Coordinator can see available terms, user in the idea, and all ideas in the departments, react ideas, chat with users | Configure database for the API | 3 |
| Create wireframes and  prototypes for Coordinator | 6 |
| Create back-end API that can response with  appropriate data | 6 |
| Create front-end interface for Coordinator | 8 |
| Test and document the  result | 3 |

### Generate Documents

**Generate Documents Sprint Backlogs**

|  |  |  |
| --- | --- | --- |
| **Aim** | **Tasks** | **Estimated Effort (hrs)** |
| **Sprint 4** |  | 30 |
| Create Group Report | Team discussion | 6 |
| Team application review and analysis | 6 |
| Document division and distribution | 6 |
| Create group document | 6 |
| Document review and configuration | 6 |