**Example tables**

1. Example of requirements table

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Requirements** | **Priority** | **State** | **Contributors** |
| 1 | Fully working authentication system with 2 types of users | Must | **✓** | Mostafa, Zhengxian |
| 2 | System must be able to get data from the Fitbit API | Must | **✓** | Mostafa |
| 3 | System must be able to acquire distinct data types from the Fitbit API such as heart rate, weight & BMI | Must | **✓** | Mostafa |
| 4 | System must be using HTTPS to allow Fitbit authentication | Must | **✓** | Mostafa |
| 5 | Fitbit data must be converted to the FHiR format | Must | **✓** | Mostafa |
| 6 | System must have a custom API to grab the data and represent it through graphs | Must | **✓** | Mostafa |
| 7 | System must be able to store the data in the FHiR format either in a centralized or decentralized storage system | Must | **✓** | Mostafa |
| 8 | A BrushLineGraph must be designed to represent weekly statistics of the user’s weight & BMI data | Must | **✓** | Mostafa |
| 9 | System should use a custom made DNS system for users to login | Should | **✓** | Zhengxian |
| 10 | Design of the user login page should be improved and modernized | Should | **✓** | Jiahao |
| 11 | A Bar chart must be designed to represent average weekly heart rates within certain ranges | Should | **✓** | Mostafa |
| 12 | Data should be stored in a decentralized data storage system | Should | **✓** | Zhengxian |
| 13 | User’s dashboard should be personalized | Should | **X** |  |
| 14 | Design of the user registration page should be improved and modernized | Should | **✓** | Jiahao |
| 15 | System could be deployable through Docker containers | Could | **✓** | Mostafa |
| **Key Functionalities (must have and should have)** | | **90%** completed | | |
| **Optional Functionalities (could have)** | | **100%** completed | | |

1. Example of individual contribution table

|  |  |  |  |
| --- | --- | --- | --- |
| **Work packages** | **Mostafa** | **Zhengxian** | **Jiahao** |
| Client liaison | 60% | 20% | 20% |
| Requirement analysis | 50% | 25% | 25% |
| Research | 30% | 30% | 40% |
| UI Design | 25% | 0 | 75% |
| Programming | 60% | 20% | 20% |
| Bi-weekly Reports | 90% | 0 | 10% |
| Website Editing | 90% | 0 | 10% |
| **Overall contribution** | **65%** | **15%** | **20%** |
| **Roles** | **Programmer, Client liaison, Report Editor,** | **Back End Developer** | **Front End Developer, Researcher** |