**Sleeping Application Requirements**

**Stakeholders: Shanshan Yu(Administrator & Programmer), Kim Nguyen(Programmer & Public Relationship), Yu-Che Liu(Programmer & Web Server), Seyoung Nam(Mascot)**

**Version History**

|  |  |  |
| --- | --- | --- |
| **Name** | **Description** | **Date** |
| 0.1 | The first Version | **3/9** |

1. Project Description

The sleeping application will help users to build a healthy sleeping habit by playing a game.

1. Timeline

3/12 Four Core Front-end Interfaces

3/20 All Core Function Code & Interfaces

3/27 Testing & Demo

3/31 Check & Release

1. Modules

Front-end User Interface

Back-end code

App Server (Optional)

Data Analysis (Optional)

Game Module (Partial Optional)

1. Tasks

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Task Name | Description | Priority | Deadline | Member |
| Front-end Interfaces-1 | The first front-end interface of the four core interfaces with a clock, sleeping time period and Alice. | 1 | 3/12 | Kim |
| Front-end Interfaces-2, 3 | The second and third front-end interface of the four core interfaces, locking the screen during sleep | 1 | 3/12 | Yu-Che Liu |
| Front-end Interfaces-4 | The fourth interface of the for core interfaces, showing a gift received by the user. | 1 | 3/12 | Shanshan |
| Locking Screen Function | Locking Screen | 1 | 3/20 |  |
| Clock and Count Down Function | Set up Sleeping time and Connect it with Locking Function | 1 | 3/20 |  |
| Gift Function | Giving Random Gift to User | 2 | 3/20 |  |
| Game Interfaces |  | 3 | 3/20 |  |
| Suggestion | Suggestion such as turn on the night mode | 3 | 3/27 |  |
| User Database(Optional) |  | 4 | 3/27 |  |
| App Server(Optional) |  | 4 | 3/27 |  |
| Data Analysis Feature(Optional) |  | 4 | 3/27 |  |
| Testing | After all core features have been developed | 1 | 3/27 |  |
| Demo | 2 mins demo | 1 | 3/31 |  |

Tool

Android Studio

GitHub

Google

Stack Overflow (:D)