**Release Plan - CSE 115 – Software Methodology**

* **Heading**:

Product name：iHealthy

Team name：iHealthy

Release date：10/9/19

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| --- | --- | --- | --- |
| Document | Revision number | Revision date | Revision member |
| Release plan | v1.0 | 10/9/19 | Rickie Huang,  Tommy Yang |

* **High level goals:** 
  + The goal of the project is to be able to replace the medicine with the food using our web app.
  + People can take pictures or typing medicine’s name to search for the food.
  + Show the details of medicine’s description and side effect.
  + Make a list of the food that can replace the specific medicine.
  + Use think-aloud to analyze users’ requirements
  + Merge developers’ code several times per week and update to the repository.
* **User stories for release**

**Sprint 1**

(3)User Story 1: As a user, I need to be able to click the icon and take pictures.

(3)User Story 2: As a user, I need to be able to type the name of the medicine and search for it.

(5)User Story 3: As a developer, I need to be able to complete the structure of database.

**Sprint 2**

(5)User Story 4: As a developer, I need to let the web app read the users’ input and pictures.

(9)User Story 5: As a developer, I need to let the web app to compress the pictures and recognize it.

**Sprint 3**

(5)User Story 6: As a user, I need to be able to get the result of the corresponding food.

(1)User Story 7: As a developer, I need to be able to complete the data.

(5)User Story 8: As a user, I need to be able to login and check the search history.

**Sprint 4**

(9)User Story 9: As a product tester, I need to be able to check the functionality of the web app.

(3)User Story 10: As a developer, I need to be able to optimize user interface.

* **Product backlog**

|  |  |  |
| --- | --- | --- |
| **id** | **story** | **Priority** |
| **1** | As a user, I need to be able to click the icon and take pictures | **1** |
| **2** | As a user, I need to be able to type the name of the medicine and search for it | **2** |
| **3** | As a developer, I need to be able to complete the structure of database | **5** |
| **4** | As a developer, I need to let the web app read the users’ input and pictures | **4** |
| **5** | As a developer, I need to let the web app to compress the pictures and recognize it | **8** |
| **6** | As a user, I need to be able to get the result of the corresponding food | **3** |
| **7** | As a developer, I need to be able to complete the data | **7** |
| **8** | As a user, I need to be able to login and check the search history | **9** |
| **9** | As a product tester, I need to be able to check the functionality of the web app | **6** |
| **10** | As a developer, I need to be able to optimize user interface | **10** |