

**International School**

**Capstone Project 1**

CMU-SE 450

**User Story**

Version 1.3

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**Green Big5 Information System**

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**PROJECT INFORMATION**

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| --- | --- | --- | --- |
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| **Project Title** | GreenBig5 | | |
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| **Lead Institution** | International School, Duy Tan University | | |
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**Document Approvals**

The following signatures are required for approval of this document.

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# **1. Introduction**

In software development, a User Story is one or more sentences that describe the natural language (not the technical language) or the business language of the end user or system user to record. what users need to do or not do their job or duty. User stories are used in methods such as Agile software development as the basis for defining system functions such as business development and to facilitate management of requirements. Help yourself know "who", "what" and "why" in a short, simple request, often limited only by details that can be written on a piece of sticky note or scrap paper. small.

User stories written by business users are the primary way of users because they understand most of the system's processes, workflows and functions so it is working right now. User stories can also be written by Dev to make non-functional requirements (like security, performance, quality, etc.).

* 1. **Purpose**
* Provide a prioritized features list, containing a short description of all functionality desired in the product.
* Lists everything that the product owner and Scrum team feels should be included in the software they are developing.
  1. **Scope**
* Write all the user’s requirements.
* Lists some main functions of the system and acceptance criteria of each function.
* Short description of all the functionality desired in the product.
* Given the priority of each feature and function of the product.
  1. **References**

|  |  |  |
| --- | --- | --- |
| **No** | **Source** | **Note** |
| 1 | <https://www.visual-paradigm.com/guide/agile-software-development/what-is-user-story/> | What is a User Story? |
| 2 | <https://www.atlassian.com/agile/project-management/user-stories> | User Stories with Examples and Template |

# **2. User Stories**

***Priority and Estimates***

Priorities are set from high (H), medium (M) and low (L):

* Priorities of some user stories can be the same with others.
* If a user story has dependencies, it must have lower priority than its dependencies

## **2.1 Sprint 1**

### **2.1.1 Login** **on GB5 application**

### 

|  |  |  |
| --- | --- | --- |
| As a user  I want login in the system | | |
| **Login** **on GB5 application story** | **Project** : GB5 | **Priority** : Low |
| **Actor**: User | **Acceptance criteria**  Minimum password length 8 characters maximum 50 characters. Enter the correct phone number and password, then I can log into the system. Enter the wrong phone number or password or both of me can not login to the system. I entered wrong phone number or password, I want to be told exactly what I am wrong | |
| Story: The User wants to log in to the system with their account. |

### 

### **2.1.2 Register on GB5 application**

|  |  |  |
| --- | --- | --- |
| As a user  I want to register for an account to log into the system | | |
| **Register on mobile application story** | **Project** : GB5 | **Priority** : Low |
| **Actor**: User | **Acceptance criteria**  Minimum password length 8 characters maximum 50 characters. The user enter missing information will be notified exactly what I am missing | |
| Story: The User wants to register for an account to log into the system |

### 

### **2.1.3 Logout on GB5 application**

|  |  |  |
| --- | --- | --- |
| As a user  I want when I press the logout button I will exit the system | | |
| **Logout on GB5 application story** | **Project** : GB5 | **Priority** : Low |
| **Actor**: User | **Acceptance criteria**  The tourist press the logout button, I will exit the system and return Home Screen. Displays a message when you cannot log out | |
| Story: The User want when they press the logout button, they will exit the system |

### **2.1.4 Receive notification**

|  |  |  |
| --- | --- | --- |
| As a user  I want to know when the new question arrive | | |
| **Receive Notification story** | **Project** : GB5 | **Priority** : High |
| **Actor**: User | **Acceptance criteria**   * Notify to the user in a specific time-line | |
| Story: The user want to know the new question have arrived yet |

## **2.2 Sprint 2**

### **2.2.1 View Question**

|  |  |  |
| --- | --- | --- |
| As a user  I want to see the question | | |
| **View question story** | **Project** : GB5 | **Priority** : Medium |
| **Actor**: User | **Acceptance criteria**  Users can see the question after login/ Sign In into the App. User can see after the question send a notification to them | |
| Story: The user want to see the question sent by the Administrator/ Content manager |

### **2.2.2 Answer Question**

|  |  |  |
| --- | --- | --- |
| As a user  I want to Answer the question | | |
| **Answer question story** | **Project** : GB5 | **Priority** : High |
| **Actor**: User | **Acceptance criteria**  Display below the question. Not require to choose but highly recommend | |
| Story: The user wants to answer the question in the app/ sent by administrator/ Content Manager |

### **2.2.3 View Information**

|  |  |  |
| --- | --- | --- |
| As a user  I see my own information | | |
| **View Information story** | **Project** :GB5 | **Priority** : Medium |
| **Actor**: User | **Acceptance criteria**   * See all information : Phone number, user name, full name | |
| Story: The user want to see their own information |

### 

### **2.2.4 Modifying user information**

|  |  |  |
| --- | --- | --- |
| As a user  I want to change my information | | |
| **Modifying user information** | **Project** : GB5 | **Priority** : High |
| **Actor**: User | **Acceptance criteria**  Changeable: User name, Phone number, Full name,. Recommended attractions for users | |
| Story: The Tourist wants to change their information |

### 

### **2.2.5 Logout to the Dashboard**

|  |  |  |
| --- | --- | --- |
| As an administrator/ Content manager  I can logout the dashboard | | |
| **Logout to the Dashboard story** | **Project**: GB5 | **Priority**: Medium |
| **Actor**: administrator/ Content manager | **Acceptance criteria**   * Confirm if the user want to logout | |
| Story: The administrator/ Content manager wants to logout the dashboard |

### 

## **2.3 Sprint 3**

## **2.3.1 Login to the Dashboard**

|  |  |  |
| --- | --- | --- |
| As an administrator/ Content manager  I want to access the system with my account so that when I enter the Account and password into the [Account] field, the [Password] field and then I click the login button and I can use the system. | | |
| **Login to the Dashboard story** | **Project**: GB5 | **Priority**: Medium |
| **Actor**: administrator/ Content manager | **Acceptance criteria**  Provided & Changeable | |
| Story: The Administrator/ Content manager can login to the dashboard |

### **2.3.2 Visualize to the user data**

|  |  |  |
| --- | --- | --- |
| As an administrator/ Content manager  I can see the user data in a table… | | |
| **Visualize to the user data**  **story** | **Project**: GB5 | **Priority**: High |
| **Actor**: administrator/ Content manager | **Acceptance criteria**   * Each user column links to use information details such as phone number... * Show each trait point | |
| Story: The administrator/ Content manager can see the user data |

### 

### **2.3.3 Visualize all trait data**

|  |  |  |
| --- | --- | --- |
| As an administrator/ Content manager  I can see the trait data in a chart… | | |
| **Visualize to the user data story** | **Project** : GB5 | **Priority** : High |
| **Actor**: Administrator/ Content manager | **Acceptance criteria**   * When clicking the check-box in front of the question, the website shows the indicator, trait level. | |
| Story: The administrator/ Content manager can edit the user trait data |

### **2.3.3 Edit question in the dashboard**

|  |  |  |
| --- | --- | --- |
| As an administrator/ Content manager  I can edit the question data in a table… | | |
| **Edit the question story** | **Project** : GB5 | **Priority** :Medium |
| **Actor**: Administrator/ Content manager | **Acceptance criteria**  Each trait has a special color. The trait can update automatic | |
| Story: The administrator/ Content manager can see the user data |

### **2.3.4** View question in the dashboard

|  |  |  |
| --- | --- | --- |
| As an administrator/ Content manager  I want to see question in the dashboard | | |
| **View question story** | Project:GB5 | Priority: High |
| **Actor**: Staff or Manager | **Acceptance criteria**   * When clicking the check-box in front of the question, the website shows the indicator, trait level. | |
|
| **Story:** The administrator/ Content manager can see the question data in a table… |

## **2.4 Sprint 4**

### **2.4.1 Send question to the user**

|  |  |  |
| --- | --- | --- |
| As an administrator/ Content manager  I want to send the question to the specific user team | | |
| **Send the question to the specific user team story** | **Project**: GB5 | **Priority**: High |
| **Actor**: administrator/ Content manager | **Acceptance criteria** | |
| **Story**: Can find the user's trait clearly |

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### **2.4.2 Create question in the dashboard**

|  |  |  |
| --- | --- | --- |
| As an administrator/ Content manager  I want to create question in the dashboard | | |
| **Create question story** | **Project**: GB5 | **Priority**: High |
| **Actor**: Administrator/ Content manager | **Acceptance criteria** | |
| **Story**: The an administrator/ Content manager can create the user trait data |

### **2.4.3 Delete question**

|  |  |  |
| --- | --- | --- |
| As an administrator/ Content manager  I want to delete the question data in a table… | | |
| **Delete question story** | **Project**: GB5 | **Priority**: Medium |
| **Story**: Admin can delete the question in the database |  |  |

### **2.4.4 Visualize trait data**

|  |  |  |
| --- | --- | --- |
| As an administrator/ Content manager  I want to see all trait data | | |
| **Visualize all trait data story** | **Project**: GB5 | **Priority**: Medium |
| **Actor**: Administrator/ Content manager | **Acceptance criteria**   * When clicking the check-box in front of the question, the website shows the indicator, trait level. | |
| **Story**: Administrator/ Content manager can see the trait data in a chart… |

### **2.4.5 Change User Profile on app**

|  |  |  |
| --- | --- | --- |
| As an Administrator/ Content manager  I want to input the indicator | | |
| **Input the indicator story** | **Project**: GB5 | **Priority**: High |
| **Actor**: Administrator/ Content manager | **Acceptance criteria** | |
| **Story**: Administrator/ Content manager Input the indicator into the database |

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