**DUY TÂN UNIVERSITY**

**International School**

# CAPSTONE PROJECT 1
**CMU-SE-450**

## TEST CASE DOCUMENT

Version 1.0

Date: 12 - Aug - 2021

## Green Big5 Information System

### Submitted by
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### Approved by

**Capstone Project 1 - Mentor:**

| Name | Signature | Date |

Binh, Thanh Nguyen _____ _____31 - Nov- 2021

| PROJECT INFORMATION | |
|---|---|
| **Project Acronym** | GB5 |
| **Project Title** | Green Big 5 information system |
| **Start Date** | 12 - Aug - 2021 |
| **End Date:** | 15 - Dec - 2021 |
| **Lead Institution** | International School, Duy Tan University |
| **Project Mentor** | PhD Binh, Nguyen Thanh |

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| DOCUMENT INFORMATION | | | |
|---|---|---|---|
| **Document Title** | Project Proposal | | |
| **Author(s)** | Team C1SE.02 | | |
| **Role** | [GB5] Test Case v.1.2 | | |
| **Date** | 16 - Nov - 2021 | File name | [GB5] Test_Plan_v1.0 |
| **Access** | Project and CMU Program | | |

# REVISION HISTORY

| Version | Person(s) | Date | Description | Approval |
|---|---|---|---|---|
| Draft | Chinh, Thai Huu | 12 - Aug - 2021 | Initiate document | x |
| 1.0 | All members | 12 - Nov - 2021 | Finish content of proposal | x |
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# 1. PURPOSE

The purpose of this checklist family is to exercise the functional areas of Green Big5 Information  System. It is the intention of this checklist family that by exercising these areas of the application we will evidence (verification and validation):

- That everything that should be happening and present, is in fact, happening, happening correctly, present and correct present.
- That nothing that should not be present or inaccurate, is present or inaccurate.

# 2. SCOPE

This checklist does test Application User Interface, Dashboard User Interface, Functional,  and Green Big5 Information System.

# 3. ASSUMPTIONS

The following assumptions were identified and utilized in the construction of this checklist:

- User Interface (UI)
- User experience (UX)
- Functional
- Database

# 4. VARIANT USES

This checklist can be executed as is for all of the features in Sprints.

# 5. CHECKLIST

## 5.1. SPRINT 1

| Application Testing Checklist - Sprint 1 | | | | |
|---|---|---|---|---|
| **Tested By** | All member | | **Date** | 15/9/2021 |
| **Application Name** | Green Big5 Information system | | | |
| **No** | **Procedure** | | **Pass/Fail (P/F)** | **Comments** |
| **LoginScreen** | | | | |

| | | | |
|---|---|---|---|
| C01 | Logo: **GreenBig5** | P | |
| C02 | Screen have 2 input field: phone number, password | P | |
| C03 | Login button: background-color:#29BB89 | P | |
| C04 | Input fields required to be filled | P | |
| C05 | If user input wrong phone number or password, show the text to announce to the user | F | |
| **Navbar in Application** | | | |
| C01 | Logo: **GreenBig5** , Has Link to "/" | F | |
| C01 | Height: 90px; | P | |
| C02 | Has 2 item:UserInfo, Question | P | |
| C03 | Mobile: height: 100vh | P | |
| C04 | Display in Android devices | P | |
| C05 | Display in IOS Devices | F | |
| C06 | Primary color: #29BB89 | P | |
| **Sign In Screen** | | | |
| C01 | Screen have 4 input field: Full name, Phone number, password, re-password | P | |
| C02 | Sign In button: color:#29BB89, background-color:#000000 | P | |
| C03 | Come to Login Screen | F | |

## 5.2. SPRINT 2

<table>
<tr><td colspan="5" align="center"><strong>Application Testing Checklist - Sprint 2</strong></td></tr>
<tr><td><strong>Tested By</strong></td><td>All member</td><td><strong>Date</strong></td><td colspan="2">9/28/2021</td></tr>
<tr><td><strong>Application Name</strong></td><td colspan="4" align="center"><strong>Green Big5 Information System</strong></td></tr>
<tr><td align="center"><strong>No</strong></td><td align="center"><strong>Procedure</strong></td><td align="center"><strong>Pass/Fail<br>(P/F)</strong></td><td colspan="2" align="center"><strong>Comments</strong></td></tr>
<tr><td colspan="5"><strong>Question screen</strong></td></tr>
<tr><td>C01</td><td>Question box: background-color: #FFE893, color:#545151</td><td align="center">F</td><td colspan="2"></td></tr>
<tr><td>C02</td><td>Answer button:<br><br> has 2 buttons<br><br>Background-color:#29BB89(clicked)<br><br>Background-color: #000000</td><td align="center">P</td><td colspan="2"></td></tr>
<tr><td>C03</td><td>Skip button: move to the next question</td><td align="center">P</td><td colspan="2"></td></tr>
<tr><td>C04</td><td>After click "Yes" or "No" button, the application come to the next question</td><td align="center">F</td><td colspan="2"></td></tr>
<tr><td>C05</td><td>After answer final question, move to the thank you screen</td><td align="center">P</td><td colspan="2"></td></tr>
<tr><td colspan="5"><strong>User Info</strong></td></tr>
<tr><td>C12</td><td>Phone number: user phone number<br><br>&gt; to change phone number</td><td align="center">P</td><td colspan="2"></td></tr>
<tr><td>C13</td><td>User name: user's display name<br><br>&gt;  to change user name</td><td align="center">P</td><td colspan="2"></td></tr>
<tr><td>C14</td><td>Logout<br><br>&gt;  move to validate screen that the user want to logout</td><td align="center">P</td><td colspan="2"></td></tr>
</table>

| Notification | | | |
|---|---|---|---|
| C01 | Notify to the user when the new question arrive | P | |
| C02 | Notify to the user if they want to logout | P | |

## 5.3. SPRINT 3

| Application Testing Checklist - Sprint 3 | | | |
|---|---|---|---|
| **Tested By** | All member | **Date** | 10/17/2021 |
| **Application Name** | **Green Big5 Information System** | | |
| **No** | **Procedure** | **Pass/Fail (P/F)** | **Comments** |
| Dashboard page | | | |
| C01 | Each trait have a specific color on chart | P | |
| C02 | Show total user in Y-line on the chart | F | |
| C03 | Show total user | P | |
| C04 | Show % of user in a circle chart | F | |
| C05 | Each trait have a specific color on circle | P | |
| C06 | Login with an anonymous account | F | |
| User Page | | | |
| C01 | Each user  column show all trait point | P | |
| C02 | Show User detail when click at the user name | F | |
| C03 | User trait point update automatic | P | |

## 5.4. SPRINT 4

| Application Testing Checklist - Sprint 4 | | | | |
|---|---|---|---|---|
| **Tested By** | Smart Dashboard Application | | **Date** | 11/14/2021 |
| **Application Name** | **Green Big5 Information System** | | | |
| **No** | **Procedure** | | **Pass/Fail (P/F)** | **Comments** |
| **Question Page** | | | | |
| C01 | Select only one question in one times | | P | |
| C02 | Show question in table | | P | |
| C03 | Input trait point | | P | |
| C04 | Edit question | | F | |
| C05 | Input question | | P | |
| C06 | Delete question | | P | |
| C07 | Do not enter the question in the textbox but press save | | F | Question must be entered |
| C08 | Send a question to a group of people | | P | |
| C09 | Send questions to multiple groups of people | | P | |
| C10 | Enter multiple questions at once | | F | |
| C11 | Submit multiple questions at once | | F | |
| C12 | Have not selected a question but pressed Send | | F | |
| C13 | Enter a question with multiple Highs | | F | Only one |
| C14 | Duplicate question input | | F | Only one |
| C15 | Do not select the group but press the send button | | F | |