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| |  |  |  | | --- | --- | --- | |  | | | | **CAPSTONE PROJECT 1** | | | | **Project Title: “English For You”** | | | | **TEST PLAN SPRINT 3** | | | |  | **Code**  **Version**  **Date** | **:** E4U  **:**  1.0  **:**  03 - Dec – 2018  **Fantastic Team:**  Tran Nguyen Huu Nghia  Dinh Tran Anh Truc  Doan Nu Thuc Oanh  Do Van Truong | | | |
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**PROJECT ÌNORMATION**

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| --- | --- | --- | --- | --- | --- |
| **Project acronym** | Eng4you | | | | |
| **Project Tittle** | [E4U] English For You | | | | |
| **Start Date** | Aug 15, 2018 | | **End Date** | | Dec 5, 2018 |
| **Lead Institution** | International School, Duy Tan University | | | | |
| **Project Mentor & contact details** | Mr. Vu Truong Tien  Email: vudalat@yahoo.com  Tel: 0914083188 | | | | |
| **Scrum Master & contact details** | Nghia ,Tran Nguyen Huu  Email: trannguyenhuunghia97@gmail.com  Tel: 0934848229 | | | | |
| **Team members** | **Name** | **Email** | | **Tel** | |
| Truong, Do Van | [Truongdtct1230@gmail.com](mailto:Truongdtct1230@gmail.com) | | 01674275453 | |
| Oanh, Doan Nu Thuc | [Doannuthucoanh0410@gmail.com](mailto:Doannuthucoanh0410@gmail.com) | | 01674552075 | |
| Truc, Dinh Tran Anh | [Anhtruc2091997@gmail.com](mailto:Anhtruc2091997@gmail.com) | | 0947360347 | |

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| **DOCUMENT NAME** | | | |
| **Document Title** | Product Backlog Document | | |
| **Author(s)** |  | | |
| **Role** | Product Owner, Team Member, Scrum Master | | |
| **Date** | 03 – Nov – 2018 | **File name:** | ProductBacklog\_Ver.1.0 |
| **URL** |  | | |
| **Access** |  | | |

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| --- | --- | --- | --- |
| **REVISION HISTORY** | | | |
| **Version** | **Person** | **Date** | **Description** |
| 1.0 | Doan Nu Thuc Oanh | 03 – Nov – 2018 | Draft for comment |
|  |  |  |  |

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| --- | --- | --- | --- |
| **Document Approval**  The following signatures are required for approval of this document | | | |
| **Mentor** | Mr. Truong Tien Vu | **Signature:** |  |
| **Date:** |  |
| **Product owner** | Do Van Truong | **Signature:** |  |
| **Date:** |  |
| **Scrum master** | Nguyen Tran Huu Nghia | **Signature:** |  |
| **Date:** |  |
| **Team member(s)** | Do Van Truong | **Signature:** |  |
| **Date:** |  |
| Dinh Tran Anh Truc | **Signature:** |  |
| **Date:** |  |
| Doan Nu Thuc Oanh | **Signature:** |  |
| **Date:** |  |

**CONTENTS**

[1. Introduction 7](#_Toc531960995)

[**1.1.** **Purpose** 7](#_Toc531960996)

[**1.2.** **Scope** 7](#_Toc531960997)

[**1.3.** **Out of Scope** 7](#_Toc531960998)

[**1.4.** **Document Terminology and Acronyms:** 7](#_Toc531960999)

[**1.5.** **References** 7](#_Toc531961000)

[2. Target Test Areas 7](#_Toc531961001)

[3. Test Specification 7](#_Toc531961002)

[**3.1.** **Features to be tested:** 7](#_Toc531961003)

[**3.2.** **Feature not to be tested:** 8](#_Toc531961004)

[**3.3.** **Test Deliverables:** 8](#_Toc531961005)

[4. Test Schedule 8](#_Toc531961006)

[5. Test Cycle Entry and Exit Criteria 10](#_Toc531961007)

[**5.1.** **Entry Criteria** 10](#_Toc531961008)

[**5.2.** **Exit Criteria** 10](#_Toc531961009)

[6. Environmental Needs 10](#_Toc531961010)

[Hardware and Software 10](#_Toc531961011)

[7. Roles and Responsibilities 10](#_Toc531961012)

# Introduction

## **Purpose**

The purpose of the Test Plan is to define, schedule and monitor the test execution. It supports the following objectives:

* Provide a high level list of the major target test functions.
* List the Requirements for Test.
* Describe the testing strategies to be employed on each target test functions.
* Identify the required resources and schedule the Test execution.

## **Scope**

This Test Plan is for release TEST PLAN FOR CAREER GUIDANCE

The Test Plan defines the unit, system testing approach. The test scope includes the following:

* Testing of all functions, application performance and use cases requirements listed in the Product Backlog document.

## **Out of Scope**

The following are considered out of scope for E4U Test Plan and testing scope:

* Functional requirements testing for Business Information Management System Platform.
* Security testing for Business Information Management System.

## **Document Terminology and Acronyms:**

|  |  |  |
| --- | --- | --- |
| **ID.** | **Item** | **Description** |
| TA01 | E4U | English For You |

## **References**

Applicable references are:

* E4U\_Proposal\_Ver.1.0
* E4U\_UserStory\_Ver.1.0
* E4U\_ProductBacklog\_Ver.1.0
* E4U\_ProjectPlan\_Ver.1.2

# Target Test Areas

* GUI Testing
* Functional Testing
* System Testing
* Acceptance Testing

# Test Specification

## **Features to be tested:**

-Login

-Logout

-Start Game

- Connect players

-Suggest keywords

-Select keywords

-View game information

-View game result

- Explain

-Answer

## **Feature not to be tested:**

Not Applicable as all features will be tested.

## **Test Deliverables:**

* Test Plan Document.
* Test Case Document.

# Test Schedule

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **No.** | **Task Name** | **Duration (Hour)** | **Start** | **Finish** | **Resources** |
| **1** | **Sprint 3** |  |  |  |  |
| 1.1 | Create Test Plan document for Sprint 3 | 1 | 11/3/2017 | 11/4/2018 | Doan Nu Thuc Oanh |
| 1.2 | Design Test Case |  |  |  |  |
|  | Design test case for Login | 1 | 11/4/2018 | 11/5/2018 | Doan Nu Thuc Oanh |
| Design test case for Logout | 1 | 11/5/2018 | 11/6/2018 | Dinh Tran Anh Truc |
| Design test case for Play game | 1 | 11/13/2018 | 11/14/2018 | Dinh Tran Anh Truc |
| Design test case for view game informarion | 1 | 11/17/2018 | 11/18/2018 | Doan Nu Thuc Oanh |
| Design test case for view result | 1 | 11/20/2018 | 11/21/2018 | Doan Nu Thuc Oanh |
| Design test case for explain word | 1 | 11/25/2018 | 11/26/2018 | Dinh Tran Anh Truc |
| Design test case for answer | 1 | 11/28/2018 | 11/29/2018 | Doan Nu Thuc Oanh |
|  | | | | |
|  | | | | |
|  | | | | |
| 1.3 | Testing |  |  |  |  |
|  | test for Login | 1 | 11/4/2018 | 11/5/2018 | Doan Nu Thuc Oanh |
| test for Logout | 1 | 11/5/2018 | 11/6/2018 | Dinh Tran Anh Truc |
| test for Play game | 1 | 11/13/2018 | 11/14/2018 | Dinh Tran Anh Truc |
| test for view game informarion | 1 | 11/17/2018 | 11/18/2018 | Doan Nu Thuc Oanh |
| test for view result | 1 | 11/20/2018 | 11/21/2018 | Doan Nu Thuc Oanh |
| test for explain word | 1 | 11/25/2018 | 11/26/2018 | Dinh Tran Anh Truc |
| test case for answer | 1 | 11/28/2018 | 11/29/2018 | Doan Nu Thuc Oanh |
|  | | | | |
|  | | | | |
|  | | | | |
| 1.4 | Re-testing |  |  |  |  |
|  | test for Login | 0,25 | 11/30/2018 | 12/1/2018 | Team |
| test for Logout | 0,25 | 11/30/2018 | 12/1/2018 | Team |
| test for Play game | 0,5 | 11/30/2018 | 12/1/2018 | Team |
| test for view game informarion | 0,25 | 11/30/2018 | 12/1/2018 | Team |
| test for view result | 0,25 | 11/30/2018 | 12/1/2018 | Team |
| test for explain word | 0,25 | 11/30/2018 | 12/1/2018 | Team |
| test case for answer | 0,25 | 11/30/2018 | 12/1/2018 | Team |
|  | | | | |

# Test Cycle Entry and Exit Criteria

## **Entry Criteria**

* All test hardware platforms must have been successfully installed, configured, and functioning properly.
* All the necessary documentation, design, and requirements information should be available that will allow testers to operate the system and judge the correct behavior.
* Proper test case is available.
* The test environment such as, lab, hardware, software, and system administration support should be ready.

## **Exit Criteria**

* All test cases have been run.
* A certain level of requirements coverage has been achieved.
* No high priority or severe bugs are left outstanding.
* All high-risk areas have been fully tested, with only minor residual risks left outstanding.
* The schedule has been achieved.

# Environmental Needs

# Hardware and Software

|  |  |  |
| --- | --- | --- |
| **Resource** | **Configuration** | **Installed OS, Software** |
| PC |  | Window 10 |
| Laptop |  | Window 10 |

# Roles and Responsibilities

|  |  |  |
| --- | --- | --- |
| **Roles** | **Resources** | **Responsibilities** |
| Scrum Master | Tran Nguyen Huu Nghia | * Ensure the project is delivered to schedule, budget & quality. * Regularly review Testing progress with Test Leader. * Raise and manage issues/risks relating to project or outside Test Teams control. * Review Test approach, plans and schedule. * Provide technical support |
| Develop Team | Tran Nguyen Huu Nghia  Doan Nu Thuc Oanh  Dinh Tran Anh Truc  Do Van Truong | * Review high level / detailed test plans * Resolve design issues * Resolve development issues * Support user acceptance testing * Develop Unit test scripts * Make Unit test * Fix bugs |
| QA Team | Tran Nguyen Huu Nghia  Doan Nu Thuc Oanh  Dinh Tran Anh Truc  Do Van Truong | * Identifies, prioritizes, and implements test cases * Generate test plan * Generate Test Suite * Evaluate effectiveness of test effort * Execute tests * Log results * Recover from errors * Document defects * Regularly review Testing progress * Manage issues/risks relating to System Test Team * Identify Test Data |