Spotifood

Test plan

By

Mr. Kittinut Saengsri 592115003

Mr. Sirisak Wongwal 592115031

Department of Software Engineering

College of Arts, Media, and Technology

Chiang Mai University

Project Advisor

Dr. Passakorn Phannachitta

Document History

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| Document name | Version | Status | Date | Viewable | Editable | Responsible |
| Spotifood Test plan | V0.1 docx  - Add Chapter one  - Add chapter two  - Add chapter three  - Add chapter four | Draft | 07/10/2019 | SW, KS, PP | SW, KS | SW, KS |

\*SW = Sirisak Wongwal

\*KS = Kittinut Saengsri

\*PP = Dr.Passakorn Phannachitta

Chapter 1 | Introduction

**1.1 Identification**

This Project Management Plan is the document for planning, scheduling activities and evaluating overall of the project so that it could complete successfully despite all the risks. It provides detailed scheduled, assigned task and identified risks of the project.

**1.2 Project Overview**

The Spotifood application will guide people find their new dish and help people who are interested in cooking and people who have cooking skill by suggesting the dishes from a word that people search. The AI system will suggest a dish from the personality of people. For example, The people regularly search steamed fish with herbs dish. The AI system will analyze the ingredient tag of dish that is related to the healthy tag. Then, the AI will suggest the people in the type of healthy dishes.

The suggest dish of AI will help those people found new dishes and challenging in cooking every day that makes people not disconnected and bored to cooking. Moreover, we will be a middleman that brings trader of ingredient to people who can’t find the ingredients in any food. The Spotifood help people to buy an ingredient. And the Spotifood will suggest a dish that is similar to personality or suggests from the behavior of people.

1.2.1 Purpose

The main purpose of developing the Spotifood is to help the people who are interested in cooking and who already have skills not bored with cooking or disconnected to prepare the food.

1.2.2 Scope

There are six major parts in Spotifood.

Feature #1: Authentication

Feature #2: Content CRUD

Feature #3: User management

Feature #4: Similar dishes identification

Feature #5: Personalization

Feature #6: ADS ingrediente

**1.3 Work Product to be developed**

1.3.1 Deliverable

**1.4 Acronyms and Definitions**

1.4.1 Acronyms

UC Use Case

URS User Requirement Specification

CRUD Create-Read-Update-Delete

ADS Advertising

ID Identification Data

UT Unit Test

**Chapter Two | Test Procedure**

**2.1 Test Objectives**

The objectives of EasyOPD System are

1. Identify the faults – Finding the fault which caused the failure.

2. Correct and remove the faults – Fixing errors and remove faults.

3. Ensure that all functionalities are implemented correctly.

**2.2 Test Duration Progress Date and Duration**

Progress I Perform date:17/05/2018 Duration days: 08/08/2018

Progress II Perform date: 09/08/2018 Duration days:29/08/2018

Final Progress Perform date: 23/09/2018 Duration days: 11/10/2018

**2.3 Test Responsibility Item Responsibility**

Unit test SW

Record unit test SW

System test SW

Record of system test SW

**2.4 Test Strategy Spotifood performed testing strategy by the following steps:** 1. Design test cases

2. Prepare test data

3. Determine the expected result

4. Perform testing

5. Record all results

**2.5 Result of Testing The results are separated into two parts:**

1. Actual result: The actual results after testing

2. Pass/ Fail result:

a. Pass: The actual result which matches with the expected result.

b. Fail: The actual result does not match with the expected result.

**Chapter Three | Unit Test**

**Unit Test ID:** UT01

**Function:** signUp

signupForm(name: String, email: String, password: String, dob: String, gender: String)

**Prepared data in the database:** Appendix1

**Test by:** Sirisak Wongwal

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| name | email | password | dob | gender | Expected output |
| “tem” | “zmack\_tem2@hotmail.com” | “temhere123” | “19/09/1997” | “male” | “Register successfully created. Please Sign In” |
| “tem” | “zmack\_tem@hotmail.com” | “temhere123” | “19/09/1997” | “male” | “Email is taken” |
| “tem” | “zmack\_tem2@hotmail.com” | “” | “19/09/1997” | “male” | “Password is required” |
| “tem” | “zmack\_tem2@hotmail.com” | “tem” | “23/01/2012” | “male” | “Password must contain at least 6 characters” |

**Unit Test ID:** UT02

**Function:** EditProfile

editUserForm(name: String, email: String, password: String, about: String)

**Prepared data in the database:** Appendix1

**Test by:** Kittinut Saengsri

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| name | email | password | about | Expected output |
| “tem” | “zmack\_tem@hotmail.com” | “temhere123” | “Hello Tem” | Redirect to user’s profile page |
| “tem” | “zmack\_temhotmail.com” | “temhere123” | “Hello Tem” | “Email must contain @” |
| “tem” | “zmack\_tem@hotmail.com” | “tem” | “Hello Tem” | “Password must contain at least 6 characters” |
| “tem” | “” | “temhere123” | “Hello Tem” | “This email field can not empty” |

**Unit Test ID:** UT03

**Function:** EditPost

editPostForm(title: String, body: String, bodys: String)

**Prepared data in the database:** Appendix2

**Test by:** Kittinut Saengsri

|  |  |  |  |
| --- | --- | --- | --- |
| title | body | bodys | Expected output |
| “Omelet” | “1. Egg  2. Olive oil” | “1. Crack an egg into the bowl.  2. Mix egg together  3. Put it into the pan.  4. Flip when it looks good.  5. Then it ready to serve.” | Redirect the user to the user’s profile page. |
| “” | “1. Egg  2. Olive oil” | “1. Crack an egg into the bowl.  2. Mix egg together  3. Put it into the pan.  4. Flip when it looks good.  5. Then it ready to serve.” | “All fields are required” |
| “Omelet” | “” | “1. Crack an egg into the bowl.  2. Mix egg together  3. Put it into the pan.  4. Flip when it looks good.  5. Then it ready to serve.” | “All fields are required” |
| “Omelet” | “1. Egg  2. Olive oil” | “” | “All fields are required” |

**Unit Test ID:** UT04

**Function:** NewPost

newPostForm(title: String, body: String, bodys: String)

**Prepared data in the database:** Appendix2

**Test by:** Kittinut Saengsri

|  |  |  |  |
| --- | --- | --- | --- |
| title | body | bodys | Expected output |
| “Omelet” | “1. Egg  2. Olive oil” | “1. Crack an egg into the bowl.  2. Mix egg together  3. Put it into the pan.  4. Flip when it looks good.  5. Then it ready to serve.” | Redirect the user to the user’s profile page. |
| “” | “1. Egg  2. Olive oil” | “1. Crack an egg into the bowl.  2. Mix egg together  3. Put it into the pan.  4. Flip when it looks good.  5. Then it ready to serve.” | “All fields are required” |
| “Omelet” | “” | “1. Crack an egg into the bowl.  2. Mix egg together  3. Put it into the pan.  4. Flip when it looks good.  5. Then it ready to serve.” | “All fields are required” |
| “Omelet” | “1. Egg  2. Olive oil” | “” | “All fields are required” |

**Unit Test ID:** UT05

**Function:** Signin

signinForm(email: String, password: String)

**Prepared data in the database:** Appendix1

**Test by:** Kittinut Saengsri

|  |  |  |
| --- | --- | --- |
| email | password | Expected output |
| “zmack\_tem@hotmail.com” | “temhere123” | Redirect the user to the homepage. |
| “zmack\_temhotmail.com” | “temhere123” | “User with that email does not exist. Please register” |
| “” | “temhere123” | “User with that email does not exist. Please register” |
| “zmacktem@hotmail.com” | “temhere123456” | “Email and password do not match” |

2.1 Data schema

{“General user” : {

“Email” : String,

“Password” : String

},

“Registered user” : {

“user\_id” : String,

“Name” : String,

“Email” : String,

“Password” : String,

“Gender” : String,

“Dob” : String

}

}

2.2 Data dictionary

|  |  |  |  |
| --- | --- | --- | --- |
| Entity | Attribute | Data type | Description |
| General user | Email | String | The email of general user. |
| General user | Password | String | The password of general user. |
| Registered user | user\_id | String | Unique identification of user. |
| Registered user | Name | String | The name of registered user. |
| Registered user | Email | String | The email of registered user. |
| Registered user | Password | String | The password of registered user. |
| Registered user | Gender | String | The gender of registered user. |
| Registered user | Dob | String | Date of birth of registered user. |

**CHAPTER FOUR | APPENDIX**

4.1 Appendix1

|  |
| --- |
| Authentication |
| {email: “[zmacktem@hotmail.com](mailto:zmacktem@hotmail.com)”, password: “temhere123”, name: “tem”, dob: “19/09/1997”, gender: “male”} |
| “” |

4.2 Appendix2

|  |
| --- |
| Post |
| {title:”Omelet”, body:”1. Egg 2. Olive oil”, bodys: “1. Crack an egg into the bowl.  2. Mix egg together 3. Put it into the pan. 4. Flip when it looks good. 5. Then it ready to serve.”} |
| “” |