Spotifood

Test record

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Document History

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Spotifood_Testrecord_v0.1	- Add chapter one - Add chapter two - Add chapter three - Add chapter four	Draft	07/10/2019	SW, KS, PP	SW, KS	SW, KS
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*SW = Sirisak Wongwal

*KS = Kittinut Saengsri

*PP = Dr.Passakorn Phannachitta

Table of Contents

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 Acronyms and Definitions

1.3.1 Acronyms

UC	Use case
URS	User Requirement Specification
SRS	Software Requirement Specification
SDD	Software Design Document
OS	Operating System
VSE	Very Small Entity
PM	Project Management
SI	Software Implementation
IID	Iterative and Incremental Development
SCI	Software Configuration Item
CRUD	Create-Read-Update-Delete

Chapter Two | Test Procedure

2.1 Test Objectives

The objectives of Spotifood 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: 07/10/2019 Duration days: 07/29/2019

2.3 Test Responsibility Item Responsibility

Unit test   SW,KS

Record unit test   SW,KS

System test   SW,KS

Record of system test   SW,KS

2.4 Test Strategy EasyOPD 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 match with the expected result.

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

Chapter Three | Unit Test

Unit Test Case ID: UT01

Test Method

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

Test by: Sirisak Wongwal

Test case

No.	Description	Input	Expected Return	P/F
		General user		
1	All parameters valid form in the database.	{email: "zmacktem2@hotmail.com", password: "temhere123", name: "tem", dob: "19/09/1997", gender: "male"}	"Register successfully created. Please Sign In"	P
2	The account has already in database.	{email: "zmacktem@hotmail.com", password: "temhere123", name: "tem", dob: "19/09/1997", gender: "male"}	"Email is taken"	P
3	The password field is empty.	{email: "zmacktem2@hotmail.com", password: "temhere123", name: "", dob: "19/09/1997", gender: "male"}	"Password is required"	P
4	The password field is invalid form.	{email: "zmacktem2@hotmail.com", password: "tem", name: "tem", dob: "19/09/1997", gender: "male"}	"Password must contain at least 6 characters"	P

Unit Test Case ID: UT02

Test Method

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

Test by: Kittinut Saengsri

Test case

No.	Description	Input	Expected Return	P/F
		Registered user		
1	All parameters valid form in the database and information in the database is changed.	{email: "zmacktem2@hotmail.com", password: "temhere123", name: "tem", about: "Hello Tem"}	Redirect to user's profile page	P
2	The account is not correct format.	{email: "zmacktem2hotmail.com", password: "temhere123", name: "tem", about: "Hello Tem"}	"Email must contain @"	P
3	The password field is not match with email.	{email: "zmacktem2@hotmail.com", password: "tem", name: "tem", about: "Hello Tem"}	"Password must contain at least 6 characters"	P
4	The email field is empty.	{email: "", password: "temhere123", name: "tem", about: "Hello Tem"}	"This email field can not empty"	P

Unit Test Case ID: UT03

Test Method

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

Test by: Kittinut Saengsri

Test case

No.	Description	Input	Expected Return	P/F
		Registered user		
1	All parameters valid form in the database and information in the database is changed.	{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."}	Redirect the user to the user's profile page.	P
2	The post form is not correct format title is empty.	{title:"", 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."}	"All fields are required"	P
3	The post form is not correct format body is empty.	{title:"Omelet", body:"", 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."}	"All fields are required"	P
4	The post form is not correct format bodys is empty.	{title:"Omelet", body:"1. Egg 2. Olive oil", bodys: ""}	"All fields are required"	P

Unit Test Case ID: UT04

Test Method

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

Test by: Kittinut Saengsri

Test case

No.	Description	Input	Expected Return	P/F
		Registered user		
1	All parameters valid form in the database and post information in the database.	{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."}	Redirect the user to the user's profile page.	P
2	The post form is not correct format title is empty.	{title:"", 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."}	"All fields are required"	P
3	The post form is not correct format body is empty.	{title:"Omelet", body:"", 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."}	"All fields are required"	P
4	The post form is not correct format bodys is empty.	{title:"Omelet", body:"1. Egg 2. Olive oil", bodys: ""}	"All fields are required"	P

Unit Test Case ID: UT05

Document Name	Spotifood_Testrecord_v1.0	Owner	SW,KS	Page	10
Document type	Test record	Release date	07/30/2019	Print date	07/30/2019

Test method

signinForm(email: String, password: String)

Test by: Kittinut Saengsri

Test case

No.	Description	Input		Expected Return	P/F
		email	password		
1	The email and password are corrected in the database.	"zmack_tem@hotmail.com"	"temhere123"	Redirect the user to the homepage.	P
2	The email and password do not exist in the database.	"zmack_temhotmail.com"	"temhere123"	"User with that email does not exist. Please register"	P
3	The email and password do not exist in the database.	" "	"temhere123"	"User with that email does not exist. Please register"	P
4	The email and password do not exist in the database.	"zmacktem@hotmail.com"	"temhere123456"	"Email and password do not match"	P

Unit Test Case ID: UT06

Test method

> handleChange(name: String, fileSize: int)

Test by: Sirisak Wongwal

Test case

No.	Description	Input		Expected Return	P/F
		name	fileSize		
1	Set user data name and file size of photo.	"tem"	"0"	true	P
2	Set user data name and file size but not authorization .	" "	"0"	false	P

Unit Test Case ID: UT07

Test method

> read(userId: String, token: hashed_Password)

Test by: Sirisak Wongwal

Test case

No.	Description	Input		Expected Return	P/F
		userId	hashed_Password		
1	User ID and token match.	"5d208546d6f6f2 3ee441c2fd"	"qiyh4XPJGsOZ2MEAy LkfWqeQ "	"redirectToSign: true"	P
2	User ID empty and token not empty.	" "	"qiyh4XPJGsOZ2MEAy LkfWqeQ"	"redirectToSign: false"	P
3	User ID not empty and token empty.	"5d208546d6f6f2 3ee441c2fd"	" "	"redirectToSign: false"	P

Document Name	Spotifood_Testrecord_v1.0	Owner	SW,KS	Page	12
Document type	Test record	Release date	07/30/2019	Print date	07/30/2019

Unit Test Case ID: UT08

Test method

        remove(userId, token)

Test by: Sirisak Wongwal

Test case

No.	Description	Input		Expected Return	P/F
		userId	token		
1	Remove user in the database.	"5d208546d6f6f23ee441c2fd"	"855c3697d9979e78ac404c4ba2c66533"	Remove in the database.	P
2	Unauthorized user to remove the user.	" "	" "	Show error unauthorized.	P

Unit Test Case ID: UT09

Test method

        signinForm(email: String, password: String)

Test by: Sirisak Wongwal

Test case

No.	Description	Input		Expected Return	P/F
		email	password		
1	Email and password match.	"zmacktem@hotmail.com"	"temhere123"	"redirectToReferer: true"	P
2	Email and password not match.	"zmacktem@hotmail.com"	"tem"	"redirectToReferer: false"	P
3	Email not empty and password empty.	"zmacktem@hotmail.com"	" "	"redirectToReferer: false"	P

4	Email empty and password not empty.	" "	"temhere123"	"redirectToReferer: false"	P

Unit Test Case ID: UT10

Test method

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

Test by: Sirisak Wongwal

Test case

No.	Description	Input	Expected Return	P/F
		signupForm		
1	Name, email, dob, gender not empty.	name: "Kittinut Saengsri" email: "zmack_tem@hotmail.com" dob: "1997/09/19" gender: "male"	True	P
2	Name empty.	name: " " email: "zmack_tem@hotmail.com" dob: "1997/09/19" gender: "male"	False	P
3	Email empty.	name: "Kittinut Saengsri" email: " " dob: "1997/09/19" gender: "male"	False	P
4	Dob empty.	name: "Kittinut Saengsri" email: "zmack_tem@hotmail.com" dob: " " gender: "male"	False	P
5	Gender empty.	name: "Kittinut Saengsri" email: "zmack_tem@hotmail.com" dob: "1997/09/19" gender: " "	False	P

Unit Test Case ID: UT11

Test method

       singlePost(postId)

Test by: Sirisak Wongwal

Test case

No.	Description	Input	Expected Return	P/F
		postId		
1	Get post from postId in the database.	"5d319cc13f5b8b0fc4038e07"	Get post	P
2	Invalid postId to get post in the database.	"555555"	Return false	P

Unit Test Case ID: UT12

Test method

update(postId,post)

Test by: Kitinut Saengsri

Test case

No.	Description	Input		Expected Return	P/F
		postId	post		
1	Update post information to the database.	"5d319cc13f5b8b0fc4038e07"	"Omelete(japan)"	Return true	P
2	Invalid postId to update post in the database.	"555555"	"Omelete(japan)"	Return false	P

Chapter Four | Appendix A

Mock object

User	Return
{email: "zmack_tem@hotmail.com", password: "temhere123", name: "Kittinut Saengsri", dob: "19/09/1997", gender: "male", about: "Hi Kittinut Saengsri", hased_password: "qiyh4XPJGsOZ2MEAyLkfWqeQ" , userId: "5d208546d6f6f23ee441c2fd" , token: "855c3697d9979e78ac404c4ba2c66533" }	"Success"
" "	null

Mock object

Post	Return
{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."}	"Success"
" "	null