

# Test Record

Diabetes Care

By

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## Document History

Document Name	Version	Status	Date	Viewable	Reviewer	Responsible
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\*PS: Dr. Prompong Sugunnasil

\*JC: Mr. Jirayu Chinpongsuwan

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# Chapter One | Introduction

## 1.1 Purpose

The purpose of Test Record document is for recording the actual result of each test case that reference from Test Plan. The detail in Test Record is related of the result that claims on Test Plan compare with the actual result when the test finish. The result is has Pass and Fail that are record on this document. This Test Record includes the test result for Progress I only.

## 1.2 Responsibility

Item	Responsibility
Record unit test of “DiabetesCare” web application	Jirayu chinpongsuwan
Record System test of “DiabetesCare” web application	Jirayu chinpongsuwan

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## Chapter Two | Software Test Record

### White Box technique (UT01-UT23)

Use Case ID	Use case name
UT01	AccountController: AddTodayFood()
UT02	AccountController: addTodayfood()
UT03	AccountController: RemoveTodayFood()
UT04	AccountController: HealthPlan()
UT05	AccountController: AddGlycemic()
UT06	AccountController: addUserGlycemic()
UT07	AccountController: AddFood()
UT08	AccountController: addUSerFood()
UT09	AccountController: DeleteFood()
UT10	AccountController: AddMedicine()
UT11	AccountController: addMedicineData()
UT12	AccountController: DeleteMedicine()
UT13	AccountController: EditUserProfile()
UT14	AccountController: Register()
UT15	AccountController: Login()
UT16	AccountController:LogOff()
UT17	FoodController:Create()
UT18	FoodController:Edit()
UT19	FoodController:Delete()
UT20	ExercisesController:Create()
UT21	ExercisesController: Edit()
UT22	ExercisesController:Delete()
UT23	ManageController ChangePassword()

**Table 1:** White Box testing technique (UT01-UT23)

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Black Box technique (ST01-ST13)

Use Case ID	Use case name
<b>ST01</b>	Login to the system.
<b>ST02</b>	Logout to the system.
<b>ST03</b>	Nurse can registration patient to Web Application.
<b>ST04</b>	Patient can view information of his on profile page.
<b>ST05</b>	Patient can update info on his profile page.
<b>ST06</b>	Patient can change password.
<b>ST07</b>	Admin can add user to system.
<b>ST08</b>	Admin can edit information of user.
<b>ST09</b>	Admin can delete user from system
<b>ST10</b>	Nutritionists can add food to the database.
<b>ST11</b>	Nutritionists can edit food on the database.
<b>ST12</b>	Nutritionists can delete food from the database
<b>ST13</b>	Nurse/Doctor can add food to the database.
<b>ST14</b>	Nurse/Doctor can edit food on the database.
<b>ST15</b>	Nurse/Doctor can delete food from the database
<b>ST16</b>	Patient can select the foods from database.
<b>ST17</b>	Patient can select the activity from database.
<b>ST18</b>	Patient can view body mass value that calculated.
<b>ST19</b>	Patient can record blood sugar.
<b>ST20</b>	Patient can view statistic graph of blood sugar.
<b>ST21</b>	Patient can get recommend about blood sugar from system.
<b>ST22</b>	Patient can select food.
<b>ST23</b>	Patient can submit and view about analyze result.

**Table 2:** Black Box testing technique (ST01-ST13)

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## 2.1 Unit Test Record

White Box technique (UT01-UT23)

Use Case ID	Use case name
UT01	AccountController: AddTodayFood()
UT02	AccountController: addTodayfood()
UT03	AccountController: RemoveTodayFood()
UT04	AccountController: HealthPlan()
UT05	AccountController: AddGlycemic()
UT06	AccountController: addUserGlycemic()
UT07	AccountController: AddFood()
UT08	AccountController: addUSERFood()
UT09	AccountController: DeleteFood()
UT10	AccountController: AddMedicine()
UT11	AccountController: addMedicineData()
UT12	AccountController: DeleteMedicine()
UT13	AccountController: EditUserProfile()
UT14	AccountController: Register()
UT15	AccountController: Login()
UT16	AccountController:LogOff()
UT17	FoodController:Create()
UT18	FoodController:Edit()
UT19	FoodController:Delete()
UT20	ExercisesController:Create()
UT21	ExercisesController: Edit()
UT22	ExercisesController:Delete()
UT23	ManageController ChangePassword()

**Table 6.1:** White Box testing technique (UT01-UT23)

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## 2.1.1Class: AccountController

**UT01:** AddTodayFood()

**Test date:** 28 Feb, 2016

**Test by:** Jirayu chinpongsuwan

**Test Case:** AddTodayFood()

Test Case	Expected Output	Actual Output	Status
1	Object of class ActionResult	Object of class ActionResult	Pass
2	Redirect to Account	Redirect to Account	Pass

**Table 1:** Method AddTodayFood()

**UT02:** addTodayfood ()

**Test date:** 28 Feb, 2016

**Test by:** Jirayu chinpongsuwan

**Test Case:** addValueTodayfood()

Test Case	Expected Output	Actual Output	Status
1	TodayFood {User Id = 1, Food id = 1 }	TodayFood {User Id = 1, Food id = 1 }	Pass

**Table 1:** Method addTodayfood ()

**Test Case:** addNullValueTodayfood()

Test Case	Expected Output	Actual Output	Status
1	null	null	Pass

**Table 2:** Method addTodayfood ()

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**UT03:** RemoveTodayFood()

**Test date:** 28 Feb, 2016

**Test by:** Jirayu chinpongsuwan

**Test Case:** RemoveTodayFoodTest()

Test Case	Expected Output	Actual Output	Status
1	Object of class ActionResult	Object of class ActionResult	Pass
2	Redirect to Account	Redirect to Account	Pass

**Table 1:** Method RemoveTodayFood()

**UT04:** HealthPlan()

**Test date:** 28 Feb, 2016

**Test by:** Jirayu chinpongsuwan

**Test Case:** HealthPlanTest()

Test Case	Expected Output	Actual Output	Status
1	10000	10000	Pass
2	77.9	77.9	Pass
3	671.7	671.7	Pass
4	400	400	Pass
5	400	400	Pass

**Table 1:** Method HealthPlan()

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**UT05:** AddGlycemic ()

**Test date:** 28 Feb, 2016

**Test by:** Jirayu chinpongsuwan

**Test Case:** AddGlycemic()

Test Case	Expected Output	Actual Output	Status
1	Object of class ActionResult	Object of class ActionResult	Pass
2	Redirect to HealthPlan	Redirect to HealthPlan	Pass

**Table 1:** Method AddGlycemic ()

**UT06:** addUserGlycemic ()

**Test date:** 28 Feb, 2016

**Test by:** Jirayu chinpongsuwan

**Test Case:** addValueAddGlycemic()

Test Case	Expected Output	Actual Output	Status
1	UserGlycemic{User id =1, Value =100}	UserGlycemic{User id =1, Value =100}	Pass

**Table 1:** Method addUserGlycemic ()

**Test Case:** addNullValueAddGlycemic()

Test Case	Expected Output	Actual Output	Status
1	null	null	Pass

**Table 2:** Method addUserGlycemic ()

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**UT07:** AddFood ()

**Test date:** 28 Feb, 2016

**Test by:** Jirayu chinpongsuwan

**Test Case:** AddFood()

Test Case	Expected Output	Actual Output	Status
1	Object of class ActionResult	Object of class ActionResult	Pass
2	Redirect to HealthPlan	Redirect to HealthPlan	Pass

**Table 1:** Method AddFood ()

**UT08:** addUserFood ()

**Test date:** 28 Feb, 2016

**Test by:** Jirayu chinpongsuwan

**Test Case:** addValueAddFood()

Test Case	Expected Output	Actual Output	Status
1	UserFood{User id = 1, Food Id =1 }	UserFood{User id = 1, Food Id =1 }	Pass

**Table 1:** Method addUserFood ()

**Test Case:** addNullValueAddFood()

Test Case	Expected Output	Actual Output	Status
1	null	null	Pass

**Table 2:** Method addUserFood ()

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**UT09:** DeleteFood ()

**Test date:** 28 Feb, 2016

**Test by:** Jirayu chinpongsuwan

**Test Case:** DeleteFoodTest()

Test Case	Expected Output	Actual Output	Status
1	Object of class ActionResult	Object of class ActionResult	Pass
2	Redirect to HealthPlan	Redirect to HealthPlan	Pass

**Table 1:** Method DeleteFood ()

**UT10:** AddMedicine ()

**Test date:** 28 Feb, 2016

**Test by:** Jirayu chinpongsuwan

**Test Case:** AddMedicine()

Test Case	Expected Output	Actual Output	Status
1	Object of class ActionResult	Object of class ActionResult	Pass
2	Redirect to DisplayProfile	Redirect to DisplayProfile	Pass

**Table 1:** Method AddMedicine ()

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**UT11:** addMedicineData ()

**Test date:** 28 Feb, 2016

**Test by:** Jirayu chinpongsuwan

**Test Case:** addValueAddMedicine()

Test Case	Expected Output	Actual Output	Status
1	Medicine {User id =1, MedicineName = “para”}	Medicine {User id =1, MedicineName = “para”}	Pass

**Table 1:** Method addMedicineData ()

**Test Case:** addNullValueAddMedicine()

Test Case	Expected Output	Actual Output	Status
1	null	null	Pass
2	null	null	Pass

**Table 2:** Method addMedicineData ()

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**UT12:** DeleteMedicine ()

**Test date:** 28 Feb, 2016

**Test by:** Jirayu chinpongsuwan

**Test Case:** DeleteMedicineTest()

Test Case	Expected Output	Actual Output	Status
1	Object of class ActionResult	Object of class ActionResult	Pass
2	Redirect to DisplayProfile	Redirect to DisplayProfile	Pass

**Table 1:** Method DeleteMedicin ()

**UT13:** EditUserProfile ()

**Test date:** 28 Feb, 2016

**Test by:** Jirayu chinpongsuwan

**Test Case:** EditUserProfile Test()

Test Case	Expected Output	Actual Output	Status
1	Object of class ActionResult	Object of class ActionResult	Pass
2	Redirect to Index	Redirect to Index	Pass

**Table 1:** Method EditUserProfile ()

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**UT14:** Register ()

**Test date:** 28 Feb, 2016

**Test by:** Jirayu chinpongsuwan

**Test Case:** RegisterTestValid()

Test Case	Expected Output	Actual Output	Status
1	Register {Username = "atom" Email = "at@om.com" FirstName = "Jira" LastName = "yu" Gender= "male" Age = 20 Height = 170 Weight = 60 Address = "139 m.7 " City = "Phayao" Zipcode = 56000}	Register {Username = "atom" Email = "at@om.com" FirstName = "Jira" LastName = "yu" Gender= "male" Age = 20 Height = 170 Weight = 60 Address = "139 m.7 " City = "Phayao" Zipcode = 56000}	Pass

**Table 1:** Method Register ()

**Test Case:** RegisterTestInvalid()

Test Case	Expected Output	Actual Output	Status
1	null	null	Pass
2	null	null	Pass

**Table 2:** Method Register ()

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**UT15: Login ()****Test date:** 28 Feb, 2016**Test by:** Jirayu chinpongsuwan**Test Case: LoginValid()**

Test Case	Expected Output	Actual Output	Status
1	Login {Username = "Admin@Admin.com" Password = "Password#1"}	Login {Username = "Admin@Admin.com" Password = "Password#1"}	Pass

**Table 1:** Method Login ()**Test Case: LoginInvalid()**

Test Case	Expected Output	Actual Output	Status
1	null	null	Pass

**Table 2:** Method Login ()**UT16: LogOff ()****Test date:** 28 Feb, 2016**Test by:** Jirayu chinpongsuwan**Test Case: LogOffTest()**

Test Case	Expected Output	Actual Output	Status
1	Redirect to Home/Index	Redirect to Home/Index	Pass

**Table 1:** Method LogOff ()

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## 2.1.2 Class: FoodController

**UT17:** Create ()

**Test date:** 28 Feb, 2016

**Test by:** Jirayu chinpongsuwan

**Test Case:** CreateValid()

Test Case	Expected Output	Actual Output	Status
1	Create {id_food =1, food_name = "banana", food_calories = 100, food_Glucemic =100}	Create {id_food =1, food_name = "banana", food_calories = 100, food_Glucemic =100}	Pass

**Table 1:** Method Create ()

**Test Case:** CreateInvalid()

Test Case	Expected Output	Actual Output	Status
1	null	null	Pass
2	null	null	Pass

**Table 2:** Method Create ()

Document Name	6-Project_TestRecord_Diadetes_v1	Owner	Jirayu	Page	17 / 46
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**UT18:** Edit ()

**Test date:** 28 Feb, 2016

**Test by:** Jirayu chinpongsuwan

**Test Case:** EditfoodValid ()

Test Case	Expected Output	Actual Output	Status
1	Edit{id_food =1, food_name = "banana2", food_calories = 101, food_Glucemic =101}	Edit{id_food =1, food_name = "banana2", food_calories = 101, food_Glucemic =101}	Pass

**Table 1:** Method Edit ()

**Test Case:** EditfoodInvalid ()

Test Case	Expected Output	Actual Output	Status
1	null	null	Pass

**Table 1:** Method Edit ()

**UT19:** DeleteConfirmed ()

**Test date:** 28 Feb, 2016

**Test by:** Jirayu chinpongsuwan

**Test Case:** DeleteTest()

Test Case	Expected Output	Actual Output	Status
1	Object of class ActionResult	Object of class ActionResult	Pass
2	Redirect to Index	Redirect to Index	Pass

**Table 2:** Method DeleteConfirmed ()

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### 2.1.3 Class: ExerciseController

**UT20:** Create ()

**Test date:** 28 Feb, 2016

**Test by:** Jirayu chinpongsuwan

**Test Case:** CreateExercisesValid()

Test Case	Expected Output	Actual Output	Status
1	Create {id =1 Symptom = “knee pain” suggestion= “should not take him” ProperExercise, = “exercise” ExerciseInappropriate = “high impact events” StepExercise = “1. Warm 2. Exercise”}	Create {id =1 Symptom = “knee pain” suggestion= “should not take him” ProperExercise, = “exercise” ExerciseInappropriate = “high impact events” StepExercise = “1. Warm 2. Exercise”}	Pass

**Table 1:** Method Create ()

**Test Case:** CreateExercisesInvalid()

Test Case	Expected Output	Actual Output	Status
1	null	null	Pass
2	null	null	Pass

**Table 2:** Method Create ()

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**UT21:** Edit ()

**Test date:** 28 Feb, 2016

**Test by:** Jirayu chinpongsuwan

**Test Case:** EditExercisesValid()

Test Case	Expected Output	Actual Output	Status
1	Edit {id = 1, symptom = “knee pain” suggestion= “should not take him” ProperExercise, = “exercise” ExerciseInappropriate = “high impact events” StepExercise = “1. Warm 2. Exercise”}	Edit {id = 1, symptom = “knee pain” suggestion= “should not take him” ProperExercise, = “exercise” ExerciseInappropriate = “high impact events” StepExercise = “1. Warm 2. Exercise”}	Pass

**Table 1:** Method Edit ()

**Test Case:** EditExercisesInvalid()

Test Case	Expected Output	Actual Output	Status
1	null	null	Pass

**Table 2:** Method Edit ()

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**UT22:** DeleteConfirmed ()

**Test date:** 28 Feb, 2016

**Test by:** Jirayu chinpongsuwan

**Test Case:** DeleteExercisesTest()

Test Case	Expected Output	Actual Output	Status
1	Redirect to Index	Redirect to Index	Pass

**Table 2:** Method DeleteConfirmed ()

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## 2.1.4 Class: ManageController

**UT23:** ChangePassword ()

**Test date:** 28 Feb, 2016

**Test by:** Jirayu chinpongsuwan

**Test Case:** ChangePasswordTest()

Test Case	Expected Output	Actual Output	Status
1	Redirect to Index	Redirect to Index	Pass
2	Object of class ActionResult	Object of class ActionResult	Pass

**Table 2:** Method Edit ()

**Test Case:** ChangePasswordValid()

Test Case	Expected Output	Actual Output	Status
1	New password = "testpassword" Old password = "testpass" Confirm password = "testpassword"	New password = "testpassword" Old password = "testpass" Confirm password = "testpassword"	Pass

**Table 2:** Method Edit ()

**Test Case:** ChangePasswordInvalid()

Test Case	Expected Output	Actual Output	Status
1	null	null	Pass

**Table 2:** Method Edit ()

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## 2.2 System Test Record

### Black Box technique (ST01-ST23)

Use Case ID	Use case name
ST01	Login to the system.
ST02	Logout to the system.
ST03	Nurse can registration patient to Web Application.
ST04	Patient can view information of his on profile page.
ST05	Patient can update info on his profile page.
ST06	Patient can change password.
ST07	Admin can add user to system.
ST08	Admin can edit information of user.
ST09	Admin can delete user from system
ST10	Nutritionists can add food to the database.
ST11	Nutritionists can edit food on the database.
ST12	Nutritionists can delete food from the database
ST13	Nurse/Doctor can add food to the database.
ST14	Nurse/Doctor can edit food on the database.
ST15	Nurse/Doctor can delete food from the database
ST16	Patient can select the foods from database.
ST17	Patient can select the activity from database.
ST18	Patient can view body mass value that calculated.
ST19	Patient can record blood sugar.
ST20	Patient can view statistic graph of blood sugar.
ST21	Patient can get recommend about blood sugar from system.
ST22	Patient can select food.
ST23	Patient can submit and view about analyze result.

**Table 5.2:** Black Box testing technique (ST01-ST23)

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### 2.2.1 Feature#1 Authentication system.

**ST01:** Login to the system.

<b>Description</b>	Test for <b>UC01</b> : Login to the system.
<b>Test date</b>	July 08,2016
<b>Test by</b>	Jirayu chinpongsuwan

**Test Case:**

Case	Expect Output	Actual Output	Pass/Fail
1	The system redirect to index page.	The system redirect to index page.	Pass
2	The system display error message " Invalid login attempt."	The system display error message " Invalid login attempt."	Pass
3	The system display error message “The UserName field is required.”, “The Password field is required.”	The system display error message “The UserName field is required.”, “The Password field is required.”	Pass

**Table 6.32:** Test Case of **ST01**: Login to the system.

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**ST02:** Logout the system.

<b>Description</b>	Test for <b>UC02:</b> Logout the system.
<b>Test date</b>	July 08,2016
<b>Test by</b>	Jirayu chinpongsuwan

**Test Case:**

Case	Expect Output	Actual Output	Pass/Fail
1	The system redirect to login page.	The system redirect to login page.	Pass

**Table 6.33:** Test Case of **ST02:** Logout the system..

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### 2.2.2 Feature#2: Account management.

**ST03:** Register to the system.

<b>Description</b>	Test for <b>UC03</b> : Nurse can registration patient to Web Application.
<b>Test date</b>	July 08,2016
<b>Test by</b>	Jirayu chinpongsuwan

**Test Case:**

Case	Expect Output	Actual Output	Pass/Fail
1	The system saves the user information into database.	The system saves the user information into database.	Pass
2	The system display error message “The Email field is not a valid e-mail address.”	The system display error message “The Email field is not a valid e-mail address.”	Pass
3	The system display error message “The password and confirmation password do not match”	The system display error message “The password and confirmation password do not match”	Pass
4	The system display error message “Please fill out this field.”	The system display error message “Please fill out this field.”	Pass
5	The system display error message “field is required.”	The system display error message “field is required.”	Pass

**Table 6.35:** Test Case of **ST03**: Nurse can registration patient to Web Application.

**ST04:** Patient can view information of his on profile page.

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<b>Description</b>	Test for <b>UC04</b> : Patient can view information of his on profile page.
<b>Test date</b>	July 08,2016
<b>Test by</b>	Jirayu chinpongsuwan

**Test Case:**

Case	Expect Output	Actual Output	Pass/Fail
1	The system redirect to profile page and display pertinent information.	The system redirect to profile page and display pertinent information.	Pass

**Table 6.36:** Test Case of **ST04**: Patient can view information of his on profile page.

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**ST05:** Patient can update info on his profile page.

<b>Description</b>	Test for <b>UC05:</b> Patient can update info on his profile page.
<b>Test date</b>	July 08,2016
<b>Test by</b>	Jirayu chinpongsuwan

**Test Case:**

Case	Expect Output	Actual Output	Pass/Fail
1	The system save the user information into database.	The system save the user information into database.	Pass
2	The system display error message “field is required.”	The system display error message “field is required.”	pass
3	The system display error message “The Email field is not a valid e-mail address.”	The system display error message “The Email field is not a valid e-mail address.”	pass

**Table 6.37:** Test Case of **ST05:** Patient can update info on his profile page.

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**ST06:** Patient can change password.

<b>Description</b>	Test for <b>UC06:</b> Patient can change password.
<b>Test date</b>	July 08,2016
<b>Test by</b>	Jirayu chinpongsuwan

**Test Case:**

Case	Expect Output	Actual Output	Pass/Fail
1	The system get new password and save change in the database	The system get new password and save change in the database	Pass
2	The system display error message " current password invalid."	The system display error message " current password invalid."	Pass
3	The system display error message "confirm password not match"	The system display error message "confirm password not match"	Pass
4	The system display error message "field is required."	The system display error message "field is required."	Pass

**Table 6.38:** Test Case of **ST06:** Patient can change password.

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**ST07:** Admin can add user to system.

<b>Description</b>	Test for <b>UC07:</b> Admin can add nutritionists to system.
<b>Test date</b>	July 08,2016
<b>Test by</b>	Jirayu chinpongsuwan

**Test Case:**

Case	Expect Output	Actual Output	Pass/Fail
1	The system shall record the data on the database.	The system shall record the data on the database.	Pass
2	The system display error message “field is required.”	The system display error message “field is required.”	Pass

**Table 6.39:** Test Case of **ST07:** Admin can add nutritionists to system.

Document Name	6-Project_TestRecord_Diadetes_v1	Owner	Jirayu	Page	30 / 46
Document Type	Test Record	Release Date	July 30,2016	Print Date	July 30,2016

**ST08:** Admin can edit information of user.

<b>Description</b>	Test for <b>UC07:</b> Admin can edit information of nutritionists.
<b>Test date</b>	July 08,2016
<b>Test by</b>	Jirayu chinpongsuwan

**Test Case:**

Case	Expect Output	Actual Output	Pass/Fail
1	The system shall record the data on the database.	The system shall record the data on the database.	Pass
2	The system display error message “field is required.”	The system display error message “field is required.”	Pass

**Table 6.40:** Test Case of **ST08:** Admin can edit information of nutritionists.

Document Name	6-Project_TestRecord_Diadetes_v1	Owner	Jirayu	Page	31 / 46
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**ST09:** Admin can delete user from system

<b>Description</b>	Test for <b>UC07:</b> Admin can delete nutritionists from system
<b>Test date</b>	July 08,2016
<b>Test by</b>	Jirayu chinpongsuwan

**Test Case:**

Case	Expect Output	Actual Output	Pass/Fail
1	The system shall delete the nutritionists from the database.	The system shall delete the nutritionists from the database.	Pass

**Table 6.41:** Test Case of **ST09:** Admin can delete nutritionists from system

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### 2.2.3 Feature#3: Nutrition management.

**ST10:** Nutritionists can add food to the database.

<b>Description</b>	Test for <b>UC08:</b> Nutritionists can add food to the database.
<b>Test date</b>	July 08,2016
<b>Test by</b>	Jirayu chinpongsuwan

**Test Case:**

Case	Expect Output	Actual Output	Pass/Fail
1	The system shall record the data on the database.	The system shall record the data on the database.	Pass
2	The system display error message “field is required.”	The system display error message “field is required.”	Pass

**Table 6.39:** Test Case of **ST10:** Nutritionists can add food to the database.

Document Name	6-Project_TestRecord_Diadetes_v1	Owner	Jirayu	Page	33 / 46
Document Type	Test Record	Release Date	July 30,2016	Print Date	July 30,2016

**ST11:** Nutritionists can edit food on the database.

<b>Description</b>	Test for <b>UC08:</b> Nutritionists can edit food on the database.
<b>Test date</b>	July 08,2016
<b>Test by</b>	Jirayu chinpongsuwan

**Test Case:**

Case	Expect Output	Actual Output	Pass/Fail
1	The system shall record the data on the database.	The system shall record the data on the database.	Pass
2	The system display error message “field is required.”	The system display error message “field is required.”	Pass

**Table 6.40:** Test Case of **ST11:** Nutritionists can edit food on the database.

Document Name	6-Project_TestRecord_Diadetes_v1	Owner	Jirayu	Page	34 / 46
Document Type	Test Record	Release Date	July 30,2016	Print Date	July 30,2016

**ST12:** Nutritionists can delete food from the database.

<b>Description</b>	Test for <b>UC08:</b> Nutritionists can delete food from the database.
<b>Test date</b>	July 08,2016
<b>Test by</b>	Jirayu chinpongsuwan

**Test Case:**

Case	Expect Output	Actual Output	Pass/Fail
1	The system shall delete the nutritionists from the database.	The system shall delete the nutritionists from the database.	Pass

**Table 6.41:** Test Case of **ST12:** Nutritionists can delete food from the database.

Document Name	6-Project_TestRecord_Diadetes_v1	Owner	Jirayu	Page	35 / 46
Document Type	Test Record	Release Date	July 30,2016	Print Date	July 30,2016

### 2.2.4 Feature#4: Activity management.

**ST13:** Nurse/Doctor can add activity to the database.

<b>Description</b>	Test for <b>UC09:</b> Nurse/Doctor can add activity to the database.
<b>Test date</b>	July 08,2016
<b>Test by</b>	Jirayu chinpongsuwan

**Test Case:**

Case	Expect Output	Actual Output	Pass/Fail
1	The system shall record the data on the database.	The system shall record the data on the database.	Pass
2	The system display error message “field is required.”	The system display error message “field is required.”	Pass

**Table 6.39:** Test Case of **ST13:** Nurse/Doctor can add activity to the database.

Document Name	6-Project_TestRecord_Diadetes_v1	Owner	Jirayu	Page	36 / 46
Document Type	Test Record	Release Date	July 30,2016	Print Date	July 30,2016

**ST14:** Nurse/Doctor can edit activity on the database.

<b>Description</b>	Test for <b>UC09:</b> Nurse/Doctor can edit activity on the database.
<b>Test date</b>	July 08,2016
<b>Test by</b>	Jirayu chinpongsuwan

**Test Case:**

Case	Expect Output	Actual Output	Pass/Fail
1	The system shall record the data on the database.	The system shall record the data on the database.	Pass
2	The system display error message “field is required.”	The system display error message “field is required.”	Pass

**Table 6.40:** Test Case of **ST14:** Nurse/Doctor can edit activity on the database.

Document Name	6-Project_TestRecord_Diadetes_v1	Owner	Jirayu	Page	37 / 46
Document Type	Test Record	Release Date	July 30,2016	Print Date	July 30,2016

**ST15:** Nurse/Doctor can delete activity from the database.

<b>Description</b>	Test for <b>UC09:</b> Nurse/Doctor can delete activity from the database.
<b>Test date</b>	July 08,2016
<b>Test by</b>	Jirayu chinpongsuwan

**Test Case:**

Case	Expect Output	Actual Output	Pass/Fail
1	The system shall delete the activity from the database.	The system shall delete the activity from the database.	Pass

**Table 6.41:** Test Case of **ST15:** Nurse/Doctor can delete activity from the database.

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### 2.2.5 Feature#5: Activity plan and recommend system.

**ST16:** Patient can select the activity from database.

<b>Description</b>	Test for <b>UC10:</b> Patient can select the activity from database.
<b>Test date</b>	July 08,2016
<b>Test by</b>	Jirayu chinpongsuwan

**Test Case:**

Case	Expect Output	Actual Output	Pass/Fail
1	The system shall provide list of symptom to patient.	The system shall provide list of symptom to patient.	Pass
2	The system shall provide suggestion about precautions exercise.	The system shall provide suggestion about precautions exercise.	Pass

**Table 6.42:** Test Case of **ST16:** Patient can select the activity from database.

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### 2.2.6 Feature#6: Nutrition plan system.

**ST17:** Patient can select the foods from database.

<b>Description</b>	Test for <b>UC12:</b> Patient can select the foods from database.
<b>Test date</b>	July 08,2016
<b>Test by</b>	Jirayu chinpongsuwan

**Test Case:**

Case	Expect Output	Actual Output	Pass/Fail
1	The system shall provide list of food name to patient.	The system shall provide list of food name to patient.	Pass
2	The system shall review name of food to patient.	The system shall review name of food to patient.	Pass

**Table 6.42:** Test Case of **ST17:** Patient can select the foods from database.

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### 2.2.7 Feature#7: Health monitors system.

**ST18:** Patient can view body mass value that calculated.

<b>Description</b>	Test for <b>UC16:</b> Patient can view body mass value that calculated.
<b>Test date</b>	July 08,2016
<b>Test by</b>	Jirayu chinpongsuwan

**Test Case:**

Case	Expect Output	Actual Output	Pass/Fail
1	The system redirect to health plan page and display BMI.	The system redirect to health plan page and display BMI.	Pass

**Table 6.43:** Test Case of **ST18:** Patient can view body mass value that calculated.

Document Name	6-Project_TestRecord_Diadetes_v1	Owner	Jirayu	Page	41 / 46
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**ST19:** Patient can record blood sugar.

<b>Description</b>	Test for <b>UC15:</b> Patient can record blood sugar.
<b>Test date</b>	July 08,2016
<b>Test by</b>	Jirayu chinpongsuwan

**Test Case:**

Case	Expect Output	Actual Output	Pass/Fail
1	The system record value of blood sugar to the database and display on graph.	The system record value of blood sugar to the database and display on graph.	Pass
2	The system display error message “value are minus”	The system display error message “value are minus”	Pass

**Table 6.44:** Test Case of **ST19:** Patient can record blood sugar.

Document Name	6-Project_TestRecord_Diabetes_v1	Owner	Jirayu	Page	42 / 46
Document Type	Test Record	Release Date	July 30,2016	Print Date	July 30,2016

**ST20:** Patient can view statistic graph of blood sugar.

<b>Description</b>	Test for <b>UC17:</b> Patient can view statistic graph of blood sugar.
<b>Test date</b>	July 08,2016
<b>Test by</b>	Jirayu chinpongsuwan

**Test Case:**

Case	Expect Output	Actual Output	Pass/Fail
1	The system shall redirect to health plan page and display graph to user	The system shall redirect to health plan page and display graph to user	Pass

**Table 6.45:** Test Case of **ST20:** Patient can view statistic graph of blood sugar.

Document Name	6-Project_TestRecord_Diabetes_v1	Owner	Jirayu	Page	43 / 46
Document Type	Test Record	Release Date	July 30,2016	Print Date	July 30,2016

**ST21:** Patient can get interpretation about blood sugar from system.

<b>Description</b>	Test for <b>UC18:</b> Patient can get interpretation about blood sugar from system.
<b>Test date</b>	July 08,2016
<b>Test by</b>	Jirayu chinpongsuwan

**Test Case:**

Case	Expect Output	Actual Output	Pass/Fail
1	The system shall redirect to health plan page and display recommend about blood sugar to user.	The system shall redirect to health plan page and display recommend about blood sugar to user.	Pass

**Table 6.45:** Test Case of **ST21:** Patient can get interpretation about blood sugar from system.

Document Name	6-Project_TestRecord_Diadetes_v1	Owner	Jirayu	Page	44 / 46
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### 2.2.8 Feature#8: Behavior monitors system.

**ST22:** Patient can select food.

<b>Description</b>	Test for <b>UC19:</b> Patient can select food.
<b>Test date</b>	July 08,2016
<b>Test by</b>	Jirayu chinpongsuwan

**Test Case:**

Case	Expect Output	Actual Output	Pass/Fail
1	The system shall provide list of food name to patient.	The system shall provide list of food name to patient.	Pass
2	The system shall review name of food to patient.	The system shall review name of food to patient.	Pass

**Table 6.46:** Test Case of **ST22:** Patient can select food.

Document Name	6-Project_TestRecord_Diabetes_v1	Owner	Jirayu	Page	45 / 46
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**ST23:** Patient can submit and view about analyze result.

<b>Description</b>	Test for <b>UC21:</b> Patient can submit and view about analyze result.
<b>Test date</b>	July 08,2016
<b>Test by</b>	Jirayu chinpongsuwan

**Test Case:**

Case	Expect Output	Actual Output	Pass/Fail
1	The system shall provide analyze result to patient..	The system shall provide analyze result to patient.	Pass

**Table 6.47:** Test Case of **ST23:** Patient can submit and view about analyze result.

Document Name	6-Project_TestRecord_Diadetes_v1	Owner	Jirayu	Page	46 / 46
Document Type	Test Record	Release Date	July 30,2016	Print Date	July 30,2016