Spotifood

Traceability Record

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CHAPTER ONE | INTRODUCTION

1.1 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 Acronyms and Definitions

1.4.1 Acronyms

SRS	System Requirement Specification
URS	User Requirement Specification
ID	Identification Data
UT	Unit Test
SD	Sequence Diagram
AC	Activity Diagram
UC	Use Case
UI	User Interface

CHAPTER TWO | TRACEABILITY RECORD TABLE

2.1 URS-SRS-UC–UI-SD-AD

No.	URS	SRS	Use case	User interface	Sequence diagram	Activity diagram
1.	URS01	SRS-01 SRS-02 SRS-03 SRS-04 SRS-05 SRS-06 SRS-07 SRS-66	UC01	UI-01	SD-01	AC01
2.	URS02	SRS-08 SRS-09 SRS-10 SRS-11 SRS-12 SRS-13	UC02	UI-02	SD-02	AC02
3.	URS03	SRS-14 SRS-15 SRS-16	UC03	UI-03 UI-04 UI-05 UI-06 UI-07 UI-08	SD-03	AC03
4.	URS04	SRS-17 SRS-18 SRS-19 SRS-20 SRS-21	UC04			AC04
5.	URS05	SRS-22 SRS-23 SRS-24	UC05			AC05

6.	URS06	SRS-25 SRS-26 SRS-27 SRS-28 SRS-29 SRS-30 SRS-66	UC09	UI-04	SD-04	AC09
7.	URS07	SRS-31 SRS-32 SRS-33 SRS-34 SRS-35 SRS-66	UC10	UI-07	SD-06	AC10
8.	URS08	SRS-36 SRS-37 SRS-38 SRS-39 SRS-65	UC11 UC12 UC13			AC11 AC12 AC13
9.	URS09	SRS-40 SRS-41 SRS-65	UC14			AC14
10.	URS10	SRS-42 SRS-65	UC15			AC15
11.	URS11	SRS-65 SRS-67 SRS-68	UC16	UI-07	SD-07	AC16
12.	URS12	SRS-46 SRS-47 SRS-48 SRS-49 SRS-50 SRS-51 SRS-52 SRS-53	UC06	UI-06	SD-08	AC06

		SRS-66				
13.	URS13	SRS-59 SRS-60 SRS-61 SRS-62 SRS-66	UC08	UI-06	SD-10	AC08
14.	URS14	SRS-54 SRS-55 SRS-56 SRS-57 SRS-58 SRS-66	UC07			AC07
15.	URS15	SRS-25 SRS-28 SRS-32 SRS-45 SRS-51 SRS-66	UC17	UI-08	SD-05	AC17
16.	URS16	SRS-63 SRS-64 SRS-65	UC18	UI-05	SD-09	AC18

CHAPTER THREE | APPENDIX

3.1 User Requirement

URS01 - User can register to the system by input email, password, name, date of birth, and gender.

URS02 - User can sign in to the system by input email and password.

URS03 - User can sign out of the system by sign out nav bar.

URS04 - Admin can sign in into the system by input email and password.

URS05 - Admin can sign out of the system by sign out nav bar.

URS06 - User can post the dish by input name of dishes, ingredients, how-to-cook of the dish, and thumbnail photos of the dish.

URS07 - User can delete the post of the dish.

URS08 - User can view a pin dish.

URS09 - User can view a history dish.

URS10 - User can select topic or type of food that user interested.

URS11 - User can view a dish that user want.

URS12 - User can update their name, about, email and password.

URS13 - User or upload and update their profile picture.

URS14 - User can update their personality of interesting food.

URS15 - User can edit their post.

URS16 - User can view their profile page.

3.2 System Requirement

SRS-01: The system shall provide the user interface for receiving an email, password, name, and gender.

SRS-02: The system shall provide an error message "This field can not empty" when the textbox to empty.

SRS-03: The system shall provide a button to register.

SRS-04: The system shall validate the email, password, name, and gender of the user.

SRS-05: The system shall provide an error message "This [input] is incorrect format." if input incorrect format of email, password, name, and gender.

SRS-06: The system shall provide an error message "This email already exists." if the input email is already in database.

SRS-07: The system shall display a message "New account is successfully created. Please Sign In".

SRS-08: The system shall provide the user interface for receiving email and password.

SRS-09: The system shall provide a button to sign in.

SRS-10: The system shall validate the email and password.

SRS-11: The system shall provide an error message "Incorrect password" if email is exist but password not match.

SRS-12: The system shall provide an error message "This email does not exist" if email does not exist in the database.

SRS-13: The system redirects user to homepage.

SRS-14: The system shall provide a button to sign out.

SRS-15: The system shall be logged out.

SRS-16: The system redirects user to the home page.

SRS-17: The system shall provide a user interface for receiving email and password.

SRS-18: The system shall validate the email and password.

SRS-19: The system shall provide an error message "Incorrect password" if email is exist but password not match.

SRS-20: The system shall provide an error message "This email does not exist" if email does not exist in the database.

SRS-21: The system redirects admin to homepage.

SRS-22: The system shall provide a button to sign out.

SRS-23: The system shall be logged out.

SRS-24: The system redirects admin to the home page.

SRS-25: The system shall provide the user interface for receiving data of the dish including :

- Name of dish

- Ingredients

- How-to-cook of the dish

- Upload thumbnail photos of food

SRS-26: The system shall provide a button to post.

SRS-27: The system shall validate the name of the dish, ingredients, and how-to-cook of the dish, and thumbnail photos of the dish.

SRS-28: The system shall provide an error message "This [input] field can not empty" when the textbox to empty.

SRS-29: The system shall provide an error message "File size should be less than 150kb" when file size is more than 150kb.

SRS-30: The system redirect registered user to the user's profile.

SRS-31: The system shall provide the delete button for the user.

SRS-32: The system shall provide the confirm button for the user after click delete button.

SRS-33: The system shall delete the dish when the user clicks the delete button and confirm to delete the dish.

SRS-34: The system redirect registered user to homepage.

SRS-35: The system shall alert message "Are you sure to delete the post?".

SRS-36: The system shall provide the pin button for the user.

SRS-37: The system shall cancel the pin dish when the user clicks a pin button again.

SRS-38: The system shall update the data into the database after the user clicks pin button.

SRS-39: The system shall provide the user interface to show a pin dish.

SRS-40: The system shall provide the history dish button to show a history dish.

SRS-41: The system shall redirect to history dish page when the user clicks the history button.

SRS-42: The system shall provide the user interface for receiving a type of food that user interested.

SRS-45: The system shall provide an error message "File size should be less than 150kb" when file size is more than 150kb.

SRS-46: The system shall provide the user interface for editing data of the dish including :

     - Name

     - About

     - Email

     - Password

SRS-47: The system shall provide the edit button to the user.

SRS-48: The system shall validate name , about , email and password.

SRS-49: The system saves the new data of user management to the database after the user input all data validation is passed.

SRS-50: The system shall provide an error message "This [input] field can not empty" when the textbox to empty.

SRS-51: The system shall provide an error message "A valid email is required" when the textbox is invalid format. (ex. dummy123@hotmail.com)

SRS-52: The system shall provide an error message "Email is taken!". if input email is already in database.

SRS-53: The system redirect registered user to profile page.

SRS-54: The system shall provide the user interface for personality of interesting food.

SRS-55: User can select tag that user want to update on personality. And user click selected tag again to unselect.

SRS-56: The system shall provide a submit button to the user.

SRS-57: The system saves the new data of User management to the database.

SRS-58: The system redirects user to the homepage.

SRS-59: The system shall provide the user interface for upload profile picture.

SRS-60: The system shall provide the upload button to the user.

SRS-61: The system shall provide an error message "File size should be less than 150kb" when file size is more than 100kb.

SRS-62: The system redirects user to user's profile page.

SRS-63: The system shall provide profile nav bar on the web application.

SRS-64: The system shall redirect user to their profile page.

SRS-65: The system will retrieve data in database.

SRS-66: The system shall update data in the database.

SRS-67: The registered user click a name of the dish.

SRS-68: The system shall redirect user to view dish page.

3.3 Use Case

UC01: User can register to the system.

UC02: User can log in to the system.

UC03: User can log out of the system.

UC04: Admin can log in to the system.

UC05: Admin can log out of the system.

UC06: User can update their profile.

UC07: User can update their personality of interesting food.

UC08: Edit profile picture.

UC09: User can post the dish.

UC10: User can delete the posted dish.

UC11: User can pin dish.

UC12: User can unpin dish.

UC13: User can view pin dish

UC14: User can view history.

UC15: User can select topic.

UC16: User can view dish.

UC17: User can edit their post.

UC18: User can view profile page.

3.4 Activity Diagram

AC01: Register

AC02: User sign in

AC03: User sign out

AC04: Admin sign in

AC05: Admin sign out

AC06: Edit profile

AC07: Edit personality

AC08: Edit profile picture

AC09: Create post

AC10: Delete post

AC11: Like post

AC12: Unlike post

AC13: View like post

AC14: View history

AC15: Select topic

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AC16: View dish

AC17: Edit post

AC18: Vew profile

3.5 Sequence Diagram

SD-01 Register

SD-02 Sign in

SD-03 Sign out

SD-04 Create post

SD-05 Edit post

SD-06 Delete post

SD-07 View post

SD-08 Edit profile

SD-09 View profile

3.6 User Interface

UI-01: Register page

UI-02: Signin page

UI-03: Home page

UI-04: Create new post page

UI-05: Profile page

UI-06: Edit profile page

UI-07: The single dish post page

UI-08: Edit dish page