Spotifood

Traceability Record

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Document History

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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 | 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 | UC09 | UI-04 | SD-04 | AC06 |
| 7. | URS07 | SRS-31  SRS-32  SRS-33  SRS-34  SRS-35 | UC10 | UI-07 | SD-06 | AC07 |
| 8. | URS08 | SRS-36  SRS-37  SRS-38  SRS-39 | UC11  UC12  UC13 |  |  | AC08 |
| 9. | URS09 | SRS-40  SRS-41  SRS-42 | UC14 |  |  | AC09 |
| 10. | URS10 | SRS-43  SRS-44 | UC15 |  |  | AC10 |
| 11. | URS11 | SRS-63 | UC16 | UI-07 | SD-07 | AC11 |
| 12. | URS12 | SRS-46  SRS-47  SRS-48  SRS-49  SRS-50  SRS-51  SRS-52  SRS-53 | UC06 | UI-06 | SD-08 | AC12 |
| 13. | URS13 | SRS-59  SRS-60  SRS-61  SRS-62 | UC08 | UI-06 | SD-10 | AC13 |
| 14. | URS14 | SRS-54  SRS-55  SRS-56  SRS-57  SRS-58 | UC07 |  |  | AC14 |
| 15. | URS15 | SRS-25  SRS-51  SRS-28  SRS-45  SRS-32 | UC17 | UI-08 | SD-05 | AC15 |
| 16. | URS16 | SRS-63  SRS-64  SRS-65 | UC18 | UI-05 | SD-09 | AC16 |

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 log in to the system by input email and password.

URS03 - User can log out of the system by log out button.

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

URS05 - Admin can log out of the system by log out button.

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 wants.

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 log 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 log 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 log 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 save 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 to show a pin dish.

SRS-43: The system shall provide the user interface for receiving a type of food that user interested.

SRS-44: The system saves the new data of Content CRUD to the database.

SRS-45: The system shall provide an error message “File size should be less than 100kb” when file size is more than 100kb.

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 wrong format.

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 feature on the web application.

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

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

**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: Upload or update 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 signin

AC03: User signout

AC04: Admin login

AC05: Admin logout

AC06: Create post

AC07: Delete post

AC08: Pin post

AC09: View history

AC10: Select topic

AC11: View post

AC12: Edit profile

AC13: Update and upload profile picture

AC14: Update personality

AC15: Edit post

AC16: View 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