



IT314 Software Engineering

Project: Naive Baker

Prof.: Saurabh Tiwari

Group: 13

Testing: Black Box Testing

Done by: Sheer Nikunj Valjeebhai (202101186)

1.Register a New User

Fields:

- **Username:**

Equivalence classes:

E1: Username is unique and not used by any other user previously. (Valid)

E2: Username's length between 3 to 150 characters.

E3: No space allowed in Username. (Valid)

E4: Username having '+', '.', '_', '-' signs. (Valid)

E5: Username having length less than 3 or greater than 150 characters. (Invalid)

E6: Username with space. (Invalid)

E7: Username with special character or any other signs then '+', '.', '_', '-' signs. (Invalid)

- **Last Name:**

Same equivalence classes as Username.

- **Email:**

Equivalence classes:

E8: Any valid email address. (Valid)

E9: Invalid email address. (Invalid)

- **Gender:**

Equivalence classes:

E10: Male (Valid)

E11: Female (Valid)

E12: Other (Valid)

- **Password:**

Equivalence classes:

E13: Password's length is between 8 to 12. (Valid)

E14: Password having at least 1 capital letter. (Valid)

E15: Password having at least 1 special character. (Valid)

E16: Password having at least 1 number. (Valid)

E17: Password's length is less than 8 or greater than 12. (Invalid)

E18: Password having no capital letter. (Invalid)

E19: Password having no special character. (Invalid)

E20: Password having no number. (Invalid)

- **Confirm Password:**

Equivalence classes:

E21: Confirm Password match with Password. (Valid)

E22: Confirm Password does not match with Password. (Invalid)

- **Age:**

Equivalence classes:

E23: Age is between 3 to 200. (Valid)

E24: Age is less than 3 or greater than 200. (Invalid)

E25: Age having value as letters or signs or special character.
(Invalid)

- **Phone number:**

Equivalence classes:

E26: Phone number with 10 digits. (Valid)

E27: Phone number with less than 10 or more than 10 digits. (Invalid)

E28: Phone number having value as letters or signs or special character. (Invalid)

#	Username	Last Name	Email	Gender	Password
1.	Arjuna_11	Kuntiputra	202101186@d aiict.ac.in	Male	Madhav@12345
Age	Confirm Password	Phone number	Expected Outcome	Actual Outcome	Equivalence Class Covered
25	Madhav@12345	7359955272	True	True	E1, E2, E3, E4, E8, E10, E13, E14, E15, E16, E21, E23, E26

#	Username	Last Name	Email	Gender	Password
2.	RK	Kuntiputra	202101186@d aiict.ac.in	Male	Madhav@12345
Age	Confirm Password	Phone number	Expected Outcome	Actual Outcome	Equivalence Class Covered
25	Madhav@12345	7359955272	Flase	Flase	E5, E8, E10, E13, E14, E15, E16, E21, E23, E26

#	Username	Last Name	Email	Gender	Password
3.	Arjuna 11	Kuntiputra	202101186daii ct.ac.in	Male	Madhav@12345
Age	Confirm Password	Phone number	Expected Outcome	Actual Outcome	Equivalence Class Covered
25	Madhav@12345	7359955272	False	False	E6, E9, E10, E13, E14, E15, E16, E21, E23, E26

#	Username	Last Name	Email	Gender	Password
4.	Arjuna11@	Kuntiputra	202101186@d aiict.ac.in	Female	Madhav12345
Age	Confirm Password	Phone number	Expected Outcome	Actual Outcome	Equivalence Class Covered
25	Madhav12345	7359955272	False	False	E7, E8, E11, E13, E14, E19, E16, E21, E23, E26

#	Username	Last Name	Email	Gender	Password
5.	Arjuna11	Kuntiputra	202101186@d aiict.ac.in	Other	RadhaMadhav@
Age	Confirm Password	Phone number	Expected Outcome	Actual Outcome	Equivalence Class Covered
25	RadhaMadhav@	7359955272	False	False	E1, E2, E3, E8, E12, E13, E14, E15, E20, E21, E23, E26

#	Username	Last Name	Email	Gender	Password
6.	Arjuna_11	Kuntiputra	202101186@d aiict.ac.in	Male	radhamadhav@12
Age	Confirm Password	Phone number	Expected Outcome	Actual Outcome	Equivalence Class Covered
25	radhamadhav@1 2	7359955272	False	False	E1, E2, E3, E4, E8, E10, E17, E18, E15, E16, E21, E23, E26

#	Username	Last Name	Email	Gender	Password
7.	Arjuna_11	Kuntiputra	202101186@d aiict.ac.in	Male	Madhav@12345
Age	Confirm Password	Phone number	Expected Outcome	Actual Outcome	Equivalence Class Covered
25	Madhav12345	7359955272	False	False	E1, E2, E3, E4, E8, E10, E13, E14, E15, E16, E22, E23, E26

#	Username	Last Name	Email	Gender	Password
8.	Arjuna_11	Kuntiputra	202101186@d aiict.ac.in	Male	Madhav@12345
Age	Confirm Password	Phone number	Expected Outcome	Actual Outcome	Equivalence Class Covered
257	Madhav@12345	73599552	False	False	E1, E2, E3, E4, E8, E10, E13, E14, E15, E16, E21, E24, E27

#	Username	Last Name	Email	Gender	Password
9.	Arjuna_11	Kuntiputra	202101186@d aiict.ac.in	Male	Madhav@12345
Age	Confirm Password	Phone number	Expected Outcome	Actual Outcome	Equivalence Class Covered
25	Madhav@12345	abcdefgghyfy@	False	False	E1, E2, E3, E4, E8, E10, E13, E14, E15, E16, E21, E23, E28

#	Username	Last Name	Email	Gender	Password
10.	Arjuna_11	Kuntiputra	202101186@d aiict.ac.in	Male	Madhav@12345
Age	Confirm Password	Phone number	Expected Outcome	Actual Outcome	Equivalence Class Covered
abc	Madhav@12345	7359955272	False	False	E1, E2, E3, E4, E8, E10, E13, E14, E15, E16, E21, E25, E26

#	Username	Last Name	Email	Gender	Password
11.	Arjuna_11	Kuntiputra	202101186@d aiict.ac.in	Male	Rk@123
Age	Confirm Password	Phone number	Expected Outcome	Actual Outcome	Equivalence Class Covered
25	Rk@123	7359955272	False	False	E1, E2, E3, E4, E8, E10, E17, E14, E15, E16, E21, E23, E26

2. Login

Fields:

Username:

Equivalence Classes:

E1: Registered username. (Valid)

E2: Not registered username. (Invalid)

Password:

E3: Password corresponding to registered username. (Valid)

E4: Password different than entered during registration. (Invalid)

#	Username	Password	Expected Outcome	Actual Outcome	Equivalence Class Covered
1.	Arjuna_11	Madhav@12345	True	True	E1, E3
2.	Arjuna_11	Madhav@1245	False	False	E1, E4
3.	Arjuna11	Madhav@12345	False	False	E2, E3
4.	Arjuna11	Madhav@1245	False	False	E2, E4

3. Search Recipe

Fields:

a) Search by name:

Equivalence Classes:

E1: Valid recipe name. (Valid)

E2: Invalid name. (Invalid)

#	Recipe name	Expected outcome	Actual Outcome	Equivalence Class
1.	Panipuri	True	True	E1
2.	Dabeli	True	True	E1
3.	xyz23	False	False	E2
4.	1234#Sd	False	False	E2

b) Search by filter

Food Category:

Equivalence Classes:

E3: Indian (Valid)

E4: Thai (Valid)

E5: Mexican (Valid)

E6: French (Valid)

E7: Chinese (Valid)

E8: Not selected (Valid)

Meal Type:

Equivalence Classes:

E9: Lunch (Valid)

E10: Dinner (Valid)
E11: Breakfast (Valid)
E12: Snacks (Valid)
E13: Not selected (Valid)

Ingredients:

Equivalence Classes:

E14: Valid ingredient name. (Valid)
E15: Not selected. (Valid)
E16: Invalid ingredient name. (Invalid)
E17: Ingredient field is empty. (Invalid)

Time:

Equivalence Class:

E18: Time in hr:min format. (Valid)
E19: Field kept empty. (Valid)

#	Food Category	Meal Type	Ingredients	Time	Expected Outcome	Actual Outcome	Equivalence Classes Covered
1.	Indian	Lunch	Tomato Potato	01:03	True	True	E3, E9, E14, E18
2.	Mexican	Dinner		00:53	True	True	E5, E10, E15, E18
3.	Thai	Breakfast			True	True	E4, E11, E15, E19
4.	French	Snacks	Tomato Potato	01:03	True	True	E6, E12, E14, E18

5.	Chinese		Tomato Potato	01:03	True	True	E7, E13, E14, E18
6.			Tomato Potato	01:03	True	True	E8, E13, E14, E18
7.	French	Snacks	xyz123	01:03	False	False	E6, E12, E16, E18
8.	French	Snacks	-	01:03	Flase	False	E6, E12, E17, E18

4. Add Recipe

Fields:

- **Recipe Name:**

Equivalence Classes:

E1: Recipe name can be any name. (Valid)

E2: Empty. (Invalid)

- **Category:**

E3: Indian (Valid)

E4: Thai (Valid)

E5: Mexican (Valid)

E6: French (Valid)

E7: Chinese (Valid)

- **Type:**

E8: Vegetarian (Valid)

E9: Non-Vegeterian (Valid)

- **Meal type:**

E10: Breakfast (Valid)

E11: Lunch (Valid)

E12: Dinner (Valid)

- **Recipe time:**

E13: Time in hr:min format. (Valid)

E14: Empty. (Invalid)

- **Recipe image:**

E15: Image uploaded. (Valid)

E16: Not uploaded any image. (Valid)

- **Direction:**

E17: Step by step description to make a recipe. (Valid)

E18: Empty. (Invalid)

- **Ingredients:**

E19: List of ingredients. (Valid)

E20: Empty. (Invalid)

#	Recipe Name	Category	Type	Meal Type	Recipe Time
1.	Tomato Soup	Indian	Vegetarian	Dinner	00:45
Image	Direction	Ingredients	Expected Outcome	Actual Outcome	Equivalence Classes Covered
selected	→ Take required	Tomatoes	True	True	E1, E3, E8, E12,

	Ingredients. → Take water and mix it with ingredients. → Add required spices and boil. → Enjoy food.	Spices			E13, E15, E17, E19
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#	Recipe Name	Category	Type	Meal Type	Recipe Time
2.	Manchow Soup	Chinese	Non Vegetarian	Breakfast	00:45
Image	Direction	Ingredients	Expected Outcome	Actual Outcome	Equivalence Classes Covered
selected	→ Take required Ingredients. → Take water and mix it with ingredients. → Add required spices and boil. → Enjoy food.	Pack of Manchow Soup	True	True	E1, E7, E9, E10, E13, E15, E17, E19

#	Recipe Name	Category	Type	Meal Type	Recipe Time
3.	Mexican Pizza	Mexican	Vegetarian	Lunch	00:45
Image	Direction	Ingredients	Expected Outcome	Actual Outcome	Equivalence Classes Covered
selected	→ Take required Ingredients. → Take water and	Pizza base Vegetables Spices	True	True	E1, E5, E8, E11, E13, E15, E17, E19

	mix it with ingredients. → Add required spices and boil. → Enjoy food.				
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#	Recipe Name	Category	Type	Meal Type	Recipe Time
4.	Cuisine	Thai	Vegetarian	Dinner	01:45
Image	Direction	Ingredients	Expected Outcome	Actual Outcome	Equivalence Classes Covered
	→ Take required Ingredients. → Take water and mix it with ingredients. → Add required spices and boil. → Enjoy food.	Vegetables Spices	True	True	E1, E4, E8, E12, E13, E16, E17, E19

#	Recipe Name	Category	Type	Meal Type	Recipe Time
5.	French Fries	French	Vegetarian	Dinner	01:45
Image	Direction	Ingredients	Expected Outcome	Actual Outcome	Equivalence Classes Covered
	→ Take required Ingredients. → Take water and mix it with ingredients. → Add required	Vegetables Spices	True	True	E1, E6, E8, E12, E13, E16, E17, E19

	spices and boil. → Enjoy food.				
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#	Recipe Name	Category	Type	Meal Type	Recipe Time
6.		Thai	Vegetarian	Dinner	01:45
Image	Direction	Ingredients	Expected Outcome	Actual Outcome	Equivalence Classes Covered
	→ Take required Ingredients. → Take water and mix it with ingredients. → Add required spices and boil. → Enjoy food.	Vegetables Spices	False	False	E2, E4, E8, E12, E13, E16, E17, E19

#	Recipe Name	Category	Type	Meal Type	Recipe Time
7.	Cuisine	Thai	Vegetarian	Dinner	
Image	Direction	Ingredients	Expected Outcome	Actual Outcome	Equivalence Classes Covered
	→ Take required Ingredients. → Take water and mix it with ingredients. → Add required spices and boil. → Enjoy food.	Vegetables Spices	False	False	E1, E4, E8, E12, E14, E16, E17, E19

#	Recipe Name	Category	Type	Meal Type	Recipe Time
8.	Cuisine	Thai	Vegetarian	Dinner	01:45
Image	Direction	Ingredients	Expected Outcome	Actual Outcome	Equivalence Classes Covered
		Vegetables Spices	False	False	E1, E4, E8, E12, E13, E16, E18, E19

#	Recipe Name	Category	Type	Meal Type	Recipe Time
9.	Cuisine	Thai	Vegetarian	Dinner	01:45
Image	Direction	Ingredients	Expected Outcome	Actual Outcome	Equivalence Classes Covered
	→ Take required Ingredients. → Take water and mix it with ingredients. → Add required spices and boil. → Enjoy food.		False	False	E1, E4, E8, E12, E13, E16, E17, E20

5. Send Query

Fields:

Name:

Equivalence Classes:

E1: Any name. (Valid)

E2: Empty. (Invalid)

Email:

E3: Valid email. (Valid)

E4: Invalid email. (Invalid)

E5: Empty. (Invalid)

Recipe name:

E6: Recipe name. (Valid)

E7: Empty. (Invalid)

Phone number:

E8: 10 digit number. (Valid)

E9: Less than 10 or more than 10 digit number. (Invalid)

E10: Field having value of letters and special characters. (Invalid)

Reason For Contact:

E11: General Query. (Valid)

E12: Feedback. (Valid)

E13: Other. (Valid)

E14: Empty. (Invalid)

Review:

E15: Any review (Valid)

E16: Empty (Invalid)

#	Name	Email	Recipe Name	Phone Number
1.	Arjun	202101186@daii ct.ac.in	Tomato Soup	7359955272
Reason For Contact	Review	Expected Outcome	Actual Outcome	Equivalence Classes Covered
Feedback	This site helped me and the recipe was tasty.	True	True	E1, E3, E6, E8, E12, E15

#	Name	Email	Recipe Name	Phone Number
2.	Arjun	202101186daiict. ac.in	Tomato Soup	7359955272
Reason For Contact	Review	Expected Outcome	Actual Outcome	Equivalence Classes Covered
Feedback	This site helped me and the recipe was tasty.	False	False	E1, E4, E6, E8, E12, E15

#	Name	Email	Recipe Name	Phone Number
3.	Arjun	202101186@daii ct.ac.in	Tomato Soup	7359955272
Reason For Contact	Review	Expected Outcome	Actual Outcome	Equivalence Classes Covered
General Query	This site helped me and the recipe was tasty.	True	True	E1, E3, E6, E8, E11, E15

#	Name	Email	Recipe Name	Phone Number
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4.	Arjun	202101186@daii ct.ac.in	Tomato Soup	7359955272
Reason For Contact	Review	Expected Outcome	Actual Outcome	Equivalence Classes Covered
Other	This site helped me and the recipe was tasty.	True	True	E1, E3, E6, E8, E13, E15

#	Name	Email	Recipe Name	Phone Number
5.		202101186@daii ct.ac.in	Tomato Soup	735995527
Reason For Contact	Review	Expected Outcome	Actual Outcome	Equivalence Classes Covered
Feedback	This site helped me and the recipe was tasty.	False	False	E2, E3, E6, E9, E12, E15

#	Name	Email	Recipe Name	Phone Number
6.	Arjun		Tomato Soup	7359955272
Reason For Contact	Review	Expected Outcome	Actual Outcome	Equivalence Classes Covered
Feedback	This site helped me and the recipe was tasty.	False	False	E1, E5, E6, E8, E12, E15

#	Name	Email	Recipe Name	Phone Number
7.	Arjun	202101186@daii		7359955272

		ct.ac.in		
Reason For Contact	Review	Expected Outcome	Actual Outcome	Equivalence Classes Covered
Feedback	This site helped me and the recipe was tasty.	False	False	E1, E3, E7, E8, E12, E15

#	Name	Email	Recipe Name	Phone Number
8.	Arjun	202101186@daii ct.ac.in	Tomato Soup	
Reason For Contact	Review	Expected Outcome	Actual Outcome	Equivalence Classes Covered
Feedback	This site helped me and the recipe was tasty.	False	False	E1, E3, E6, E10, E12, E15

#	Name	Email	Recipe Name	Phone Number
9.	Arjun	202101186@daii ct.ac.in	Tomato Soup	7359955272
Reason For Contact	Review	Expected Outcome	Actual Outcome	Equivalence Classes Covered
	This site helped me and the recipe was tasty.	False	False	E1, E3, E6, E8, E14, E15

#	Name	Email	Recipe Name	Phone Number
10.	Arjun	202101186@daii ct.ac.in	Tomato Soup	7359955272

Reason For Contact	Review	Expected Outcome	Actual Outcome	Equivalence Classes Covered
Feedback		False	False	E1, E3, E6, E8, E12, E16



IT314 Software Engineering

Project: Naive Baker

Prof.: Saurabh Tiwari

Group: 13

Testing: Acceptance Testing

Done by: Sheer Nikunj Valjeebhai (202101186)

Scenario 1: New user goes to website and register him/her self and search recipe.

Description of scenario:

B1: User opens the website by entering the URL.

→ System prompts for the Login/Sign Up page.

B2: User goes to the signup page by clicking on the "Sign Up" button.

→ System shows list of fields which user needs to fill for signing up.

B3: User fills the valid details of required fields.,i.e,Username, Last Name, Email, Gender, Password, Confirm Password, Age, Phone Number and successfully register him/herself into the site.

→ System shows msg saying "*Signup done successfully, Please Login.*"

B4: User chooses the "go-to login" button.

→ System prompts user to Login page.

B5: User enters his Username and Appropriate password and clicks on "Login" button.

→ System prompts user to Home page.

OR

B5: User click on the "Register" button.

→ System prompts user to Sign Up page.

OR

B5: User clicks on the "Forget Password" button.

→ System prompts user to "Forget Password" page.

B6: User enters name of recipe into search field and clicks on the "Search" button.

OR

B6: User chooses to search by filtering, i.e, food category, meal type, ingredients, time and enters field values according to his/her needs and clicks on the “Search” button.

→ System lists recipe lists.

B7: User selects a particular recipe.

→ System prompts to recipe details.

B8: User clicks on “Save Recipe” Button.

→ System save the recipe into the User's profile.

B9: User clicks on “Logout” button.

→ System prompts user to the sign-up page.

- **Identifying Variables:**

B1: Website URL

B2: Sign Up button

B3: Username, Last Name, Email, Gender, Password, Confirm Password, Age, Phone Number

B4: go-to login button

B5: Username, Password, Login button, Forget Password button, Register Button

B6: Recipe name, food category, meal type, ingredients, time, search button

B7: Recipe selection

B8: Save Recipe button

B9: Logout button

- **Identifying different options for each variable:**

Step	Variable	Possible Values
B1	Website	Correct URL, Incorrect URL

B2	SignUp Button (AS)	Click on button(1), No action(0)
B3	Username	Empty, 150 characters, Unique, Not unique, having No space, having Space, having special character, having '+', '-', '.', '_' signs.
	Last Name	Empty, 150 characters, Unique, Not unique, having No space, having Space, having special character, having '+', '-', '.', '_' signs.
	Email	Valid email, Invalid email
	Gender	Male, Female, Other
	Password	Length <8, Length >12, 8 <= Length <= 12, No capital letter, At Least 1 capital letter, No special character, At Least 1 special character, No digits, At Least 1 digit
	Confirm Password	Same as Password, Different from Password
	Age	Age < 3, Age > 200, 3<= Age <= 200, Value other than digit
	Phone Number	10 digit number, >10 digit number, <10 digit number, Value other than digit
B4	Login Button (AS)	Click on button(1), No action(0)
B5	Username	Valid username, Invalid username
	Password	Valid password, Invalid password
	Login Button (AS)	Click on button(1), No action(0)
	Forget Password Button (AS)	Click on button(1), No action(0)
	Register Button (AS)	Click on button(1), No action(0)

B6	Recipe Name	Any name, empty
	Food Category	Indian, Thai, Mexican, Chinese, French, Empty
	Meal Type	Empty, Lunch, Dinner, Breakfast, Snacks
	Ingredients	Empty, Selected and kept empty, Any ingredient name
	Time	Empty, Time in hr:min format
	Search Button (AS)	Click on button(1), No action(0)
B7	Recipe Selection	First selection, Middle selection, Last selection
B8	Save recipe Button (AS)	Click on button(1), No action(0)
B9	Logout Button (AS)	Click on button(1), No action(0)

(AS): Action Selection

- **Generating Testcases.**

Testcase 1:

Step	Variable	Value	Expected Outcome
B1	Website	Correct URL	System prompts user to default page of site.
B2	SignUp Button (AS)	Click on button(1)	System prompts user to Signup page
B3	Username	Arjuna_11	
	Last Name	Pandava	
	Email	202101186@daiict.ac.in	

	Gender	Male	
	Password	Radh@Madhav1	
	Confirm Password	Radh@Madhav1	
	Age	19	
	Phone Number	7359955272	System shows successful sign up msg once user clicks on Signup button after filling all correct field values.
B4	Login Button (AS)	Click on button(1)	System prompts user to Login page.
B5	Username	Arjuna_11	
	Password	Radh@Madhav1	
	Login Button (AS)	Click on button(1)	System prompts user to homepage.
	Forget Password Button (AS)	No action(0)	
	Register Button (AS)	No action(0)	
B6	Recipe Name	Dabeli	
	Food Category	Empty	
	Meal Type	Empty	
	Ingredients	Empty	
	Time	Empty	
	Search Button (AS)	Click on button(1)	System shows result for " <i>Dabeli</i> ".

B7	Recipe Selection	First selection	System shows details about recipe.
B8	Save recipe Button (AS)	Click on button(1)	System display msg saying “ <i>recipe saved Successfully</i> ”.
B9	Logout Button (AS)	Click on button(1)	System display msg saying “ <i>Successful Logout</i> ” and prompts user to default page of site.

Testcase 2:

Step	Variable	Value	Expected Outcome
B1	Website	Correct URL	System prompts user to default page of site.
B2	SignUp Button (AS)	No action(0)	
B4	Login Button (AS)	Click on button(1)	System prompts user to Login page.
B5	Username	Arjuna_11	
	Password	Radh@Madhav1	
	Login Button (AS)	Click on button(1)	System prompts user to homepage.
	Forget Password Button (AS)	No action(0)	
	Register Button (AS)	No action(0)	
B6	Recipe Name	Empty	
	Food	Indian	

	Category		
	Meal Type	Dinner	
	Ingredients	Empty	
	Time	Empty	
	Search Button (AS)	Click on button(1)	System shows result for “ <i>Indian dinner</i> ”.
B7	Recipe Selection	Middle selection	System shows details about recipe.
B8	Save recipe Button (AS)	No action(0)	
B9	Logout Button (AS)	Click on button(1)	System display msg saying “ <i>Successful Logout</i> ” and prompts user to default page of site.

Testcase 3:

Step	Variable	Value	Expected Outcome
B1	Website	Correct URL	System prompts user to default page of site.
B2	SignUp Button (AS)	No Action (0)	
B4	Login Button (AS)	Click on button(1)	System prompts user to Login page.
B5	Username	Arjuna_11	
	Password	Radh@Madhav1	
	Login Button (AS)	Click on button(1)	System prompts user to homepage.

	Forget Password Button (AS)	No action(0)	
	Register Button (AS)	No action(0)	
B6	Recipe Name	Empty	
	Food Category	Empty	
	Meal Type	Empty	
	Ingredients	Tomato Potato	
	Time	01:00	
	Search Button (AS)	Click on button(1)	System shows result for recipes having ingredients tomatoes, potatoes and which can be prepared within 1 hour.
B7	Recipe Selection	Last selection	System shows details about recipe.
B8	Save recipe Button (AS)	Click on button(1)	System display msg saying “ <i>recipe saved Successfully</i> ”.
B9	Logout Button (AS)	Click on button(1)	System display msg saying “ <i>Successful Logout</i> ” and prompts user to default page of site.

Testcase 4:

Step	Variable	Value	Expected Outcome
B1	Website	Correct URL	System prompts user to default page of site.

B2	SignUp Button (AS)	Click on button(1)	System prompts user to Signup page
B3	Username	Arjuna_11	
	Last Name	Pandava	
	Email	202101186@daiict.ac.in	
	Gender	Male	
	Password	Radh@Madhav1	
	Confirm Password	Radh@Madhav1	
	Age	19	
	Phone Number	73599552712	System shows invalid input field value.

Scenario 2: User log into system and upload his/her own recipe.

Description:

B1: User opens the website by entering the URL.

→ System prompts User to site's default page.

B2: User goes to Login page by clicking on "Login" button.

→ System prompts User to Login page.

B3: User enters his/her registered Username and Password and click on "Login" button.

→ System displays msg of Successful logging and prompts user to Home page.

B4: User click on "Add Recipe" button.

→ System prompts User to Add Recipe page.

B5: User enters recipe details, i.e, Recipe Name, Category, Type, Meal type, Recipe time, image, Direction, Ingredients and click on “Submit” button or “Reset” button.

→ System displays msg saying Recipe uploaded Successfully and prompt user to Home page.

- **Identifying Variables:**

B1: Website URL

B2: Login button

B3: Username, Password, Login button

B4: Add Recipe button

B5: Recipe Name, Category, Type, Meal type, Recipe time, image, Direction, Ingredients, Submit button, Reset button

- **Identifying different options for variables:**

Step	Variable	Possible Values
B1	URL	Correct URL, Incorrect URL
B2	Login button (AS)	Click on button (1), No Action (0)
B3	Username	Registered Username, Non Registered Username
	Password	Registered Password corresponding to registered username, Incorrect Password
	Login button (AS)	Click on button (1), No Action (0)
B4	Add Recipe button (AS)	Click on button (1), No Action (0)
B5	Recipe Name	Any name, Empty
	Category	Indian, Thai, Mexican, Chinese, French

	Type	Vegetarian, Non vegetarian
	Meal type	Breakfast, Lunch, Dinner
	Recipe time	Empty, In hr:min format
	Image	Empty, Image uploaded
	Direction	Empty, Any text value
	Ingredients	Empty, Any text value
	Submit button	Click on button (1), No Action (0)
	Reset button	Click on button (1), No Action (0)

- **Generating Testcases:**

Testcase 1:

Step	Variable	Value	Expected Outcome
B1	Website	Correct URL	System prompts user to default page of site.
B2	Login Button (AS)	Click on button(1)	System prompts user to Login page
B3	Username	Arjuna_11	
	Password	Radh@Madhav1	
	Login button	Click on button(1)	System prompts user to Home page
B4	Add Recipe button	Click on button(1)	System prompts user to Add recipe page
B5	Recipe Name	Any name	
	Category	Indian	
	Type	Vegetarian	

	Meal type	Lunch	
	Recipe time	01:20	
	Image	Chosen	
	Direction	Valid text value	
	Ingredients	Valid text value	
	Submit button	Click on button (1)	System displays msg saying Recipe uploaded successfully and prompt user to Homepage
	Reset button	No Action (0)	

Testcase 2:

Step	Variable	Value	Expected Outcome
B1	Website	Correct URL	System prompts user to default page of site.
B2	Login Button (AS)	Click on button(1)	System prompts user to Login page
B3	Username	Arjuna_11	
	Password	Radh@Madhav1	
	Login button	Click on button(1)	System prompts user to Home page
B4	Add Recipe button	Click on button(1)	System prompts user to Add recipe page
B5	Recipe Name	Any name	
	Category	Indian	
	Type	Vegetarian	

	Meal type	Lunch	
	Recipe time	01:20	
	Image	Chosen	
	Direction	Empty	
	Ingredients	Valid text value	
	Submit button	Click on button (1)	System displays invalid field value.
	Reset button	No Action (0)	

Testcase 3:

Step	Variable	Value	Expected Outcome
B1	Website	Correct URL	System prompts user to default page of site.
B2	Login Button (AS)	Click on button(1)	System prompts user to Login page
B3	Username	Arjuna_11	
	Password	Radh@Madhav1	
	Login button	Click on button(1)	System prompts user to Home page
B4	Add Recipe button	Click on button(1)	System prompts user to Add recipe page
B5	Recipe Name	Empty	
	Category	Indian	
	Type	Vegetarian	
	Meal type	Lunch	
	Recipe time	01:20	

	Image	Chosen	
	Direction	Valid text value	
	Ingredients	Valid text value	
	Submit button	Click on button (1)	System displays msg saying Invalid Field Value.
	Reset button	No Action (0)	

Testcase 4:

Step	Variable	Value	Expected Outcome
B1	Website	Correct URL	System prompts user to default page of site.
B2	Login Button (AS)	Click on button(1)	System prompts user to Login page
B3	Username	Arjuna_1123242434434	
	Password	Radh@Madhav1	
	Login button	Click on button(1)	System display msg saying Invalid field Value.

Scenario 3: User login to site and give feedback.

Description:

B1: User opens the website by entering the URL.

→ System prompts User to site's default page.

B2: User goes to Login page by clicking on "Login" button.

→ System prompts User to Login page.

B3: User enters his/her registered Username and Password and click on "Login" button.

→ System displays msg of Successful logging and prompts user to Home page.

B4: User click on "Contact" button.

→ System prompts User to Contact Us page.

B5: User enters details, i.e, Name, Email, Recipe Name, Phone number, Reason for Contact, Review and click on "Submit" button.

→ System sent thank you mail to previously entered email.

- **Identifying possible values of variables:**

Step	Variable	Possible Values
B1	URL	Correct URL, Incorrect URL
B2	Login button (AS)	Click on button (1), No Action (0)
B3	Username	Registered Username, Non Registered Username
	Password	Registered Password corresponding to registered username, Incorrect Password
	Login button (AS)	Click on button (1), No Action (0)
B4	Contact Us button (AS)	Click on button (1), No Action (0)
B5	Name	Any name, Empty
	Email	Valid email, Invalid email
	Recipe Name	Any name, Empty
	Phone number	Valid 10 digit number, Invalid number, Text Value, Empty
	Reason for Contact	Empty, Feedback, General Query, Other

	Review	Empty, Any text
	Submit button	Click on button (1), No Action (0)

- **Generating Testcases**

Testcase 1:

Step	Variable	Value	Expected Outcome
B1	Website	Correct URL	System prompts user to default page of site.
B2	Login Button (AS)	Click on button(1)	System prompts user to Login page
B3	Username	Arjuna_11	
	Password	Radh@Madhav1	
	Login button	Click on button(1)	System prompts user to Home page
B4	Contact Us button	Click on button(1)	System prompts user to Contact Us page
B5	Name	Arjuna	
	Email	202101186@daiict.ac.in	
	Recipe Name	Tomato Soup	
	Phone number	7359955272	
	Reason for Contact	Feedback	
	Review	Recipe was good.	
	Submit button	Click on button (1)	System sends mail to Email ID which taken previously.

Testcase 2:

Step	Variable	Value	Expected Outcome
B1	Website	Correct URL	System prompts user to default page of site.
B2	Login Button (AS)	Click on button(1)	System prompts user to Login page
B3	Username	Arjuna_11	
	Password	Radh@Madhav1	
	Login button	Click on button(1)	System prompts user to Home page
B4	Contact Us button	Click on button(1)	System prompts user to Contact Us page
B5	Name		
	Email	202101186@daiict.ac.in	
	Recipe Name	Tomato Soup	
	Phone number	7359955272	
	Reason for Contact	Feedback	
	Review	Recipe was good.	
	Submit button	Click on button (1)	System display msg saying fill this field.

Testcase 3:

Step	Variable	Value	Expected Outcome
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B1	Website	Correct URL	System prompts user to default page of site.
B2	Login Button (AS)	Click on button(1)	System prompts user to Login page
B3	Username	Arjuna_11	
	Password	Radh@Madhav1	
	Login button	Click on button(1)	System prompts user to Home page
B4	Contact Us button	Click on button(1)	System prompts user to Contact Us page
B5	Name	Arjuna	
	Email	202101186daiict.ac.in	
	Recipe Name	Tomato Soup	
	Phone number	7359955272	
	Reason for Contact	Feedback	
	Review	Recipe was good.	
	Submit button	Click on button (1)	System display msg saying enter valid field value.

Testcase 4:

Step	Variable	Value	Expected Outcome
B1	Website	Correct URL	System prompts user to default page of site.
B2	Login Button (AS)	Click on button(1)	System prompts user to Login page

B3	Username	Arjuna_11	
	Password	RadhMadhav1	
	Login button	Click on button(1)	System displays msg saying Invalid field Value.