

Codes of unit tests are under agilewebapp\tests\test.py
 Coverage report of unit tests is under agilewebapp\htmlcov\

Register Page										
ID	Description	Prerequisites	Test Data	Steps	Expected Result	Actual Result	Pass or Fail	Created By	Date	Additional Comments
R001	Registration page loads and displays the register form.	Internet browser, Django local DB	N/A	Start the website on localhost and navigate to "127.0.0.1:8000/register/" using the register button.	The registration page is displayed along with the register form, including all of its elements: username, email, password, password confirmation fields and signup button.	The registration page loaded and displayed the register form along with all its elements.	Pass	shw30	01/03/2022	
R002	Username box valid input.	Internet browser, Django local DB	"Shane30" "50" "b" "شاه"	Input the username test data into the username box and attempt to register the account with all other registration fields valid.	The user will be allowed to register an account with the following test data usernames.	All the usernames included in the test data were valid inputs and the account was created.	Pass	shw30	01/03/2022	Allowing usernames of only 1 character seems like an oversight, perhaps a minimum character limit may be put in place.
R003	Username box edgecase input.	Internet browser, Django local DB	" Hello" "@@@" "-_"	Input the username test data into the username box and attempt to register the account with all other registration fields valid.	The user will be allowed to register an account with the following test data usernames.	All the usernames included in the test data were valid inputs and the account was created. All whitespace before a username is culled upon creation.	Pass	shw30	01/03/2022	The username box should not allow only symbol characters as people may create images using text for their name. Another problem is culling of the username whitespace, as it allows the user to have the username " hello" it doesn't tell them at the whitespace has been removed so if they try to login with the original username they entered it will not work.
R004	Username box invalid input.	Internet browser, Django local DB	"{hello}" "Test!" "> SELECT * FROM Profiles; --"	Input the username test data into the username box and attempt to register the account with all other registration fields valid.	The user will not be allowed to register an account with the following test data usernames.	All the usernames included in the test data were blocked during account creation except the SQL Injection query which caused the website to crash the first time it was tested. When tested again the website blocked the input, unsure whether this can be replicated or not with new SQL inputs.	Pass	shw30	01/03/2022	May need more testing but I don't think SQL injection works because Django stops it.
R005	Email box valid input.	Internet browser, Django local DB	"shw30@aber.ac.uk"	Input the email test data into the email box and attempt to register the account with all other registration fields valid.	The user will be allowed to register an account with the following test data emails.	All the emails included in the test data were valid inputs and the account was created	Pass	shw30	01/03/2022	
R006	Email box edgecase input.	Internet browser, Django local DB	"gmail.com@gmail.com"	Input the email test data into the email box and attempt to register the account with all other registration fields valid.	The user will be allowed to register an account with the following test data emails.	All the emails included in the test data were valid inputs and the account was created	Pass	shw30	01/03/2022	
R007	Email box invalid input.	Internet browser, Django local DB	"" "@gmail.com" "> SELECT usename FROM pg_user; --@gmail.com"	Input the email test data into the email box and attempt to register the account with all other registration fields valid.	The user will not be allowed to register an account with the following test data emails.	All the emails included in the test data were blocked during account creation.	Pass	shw30	01/03/2022	
R008	Password box valid input.	Internet browser, Django local DB	"testme123"	Input the password test data into the password box and attempt to register the account with all other registration fields valid.	The user will be allowed to register an account with the following passwords.	The user was allowed to create an account with the password test data.	Pass	shw30	01/03/2022	
R009	Password box edgecase input.	Internet browser, Django local DB	"password"	Input the password test data into the password box and attempt to register the account with all other registration fields valid.	The user might be allowed to create a password which is incredibly weak.	The user is not allowed to create passwords which are too common.	Pass	shw30	01/03/2022	
R010	Password box invalid input.	Internet browser, Django local DB	"" "1" "Test!" "> SELECT * username FROM pg_user; --"	Input the password test data into the password box and attempt to register the account with all other registration fields valid.	The user will not be allowed to register an account with the following test data passwords.	The user was not allowed to create an account with passwords which did not meet the minimum password requirements. The user was allowed to create a password which used broken ASCII text and have their password as an SQL injection statement.	Fail	shw30	01/03/2022	While having a password which is an SQL statement isn't inherently invalid, it may lead to some serious data breaches if abused in the correct way. This needs to be discussed, Django may have a sanitized backend so this may not be a problem.

R011	Password confirmation valid input.	Internet browser, Django local DB	"testme123"	Input the password test data into the password confirmation box and attempt to register with all other registration fields valid.	The user will be allowed to register an account with the following password as it matches the other valid password.	The user is allowed to create an account as the two passwords match.	Pass	shw30	03/03/2022	
R012	Password confirmation edgecase input.	Internet browser, Django local DB	"password"	Input the password test data into the password confirmation box and attempt to register with all other registration fields valid.	The user might be allowed to create a password which is incredibly weak.	The user is not allowed to create passwords which are too common. Since the passwords are the same the user would be able to create their account if the password was valid.	Pass	shw30	03/03/2022	
R013	Password confirmation invalid input.	Internet browser, Django local DB	"testme321" "" "1" "Test!" "> SELECT * username FROM pg_user; --"	Input the password test data into the password confirmation box and attempt to register with all other registration fields valid.	Passwords which do not match will not be allowed, passwords which violate the same tests as R010 will not be allowed.	If the users passwords did not match then the account was not created. If the account had a invalid password which violated the password constraints then the account was not created. The same issues from R010 still persist here.	Fail	shw30	03/03/2022	Same issue as R010
R014	Signup button functions with valid inputs.	Internet browser Django local DB Valid Registration	username: "shane99" email: "shw30@aber.ac.uk" password: "testme12"	Input the following valid data into the registration form and press the signup button.	The account is created and added to the Profiles table within the database, the user is then logged into their account.	The account is created and it is present within the Profiles table within the database. The user is then logged into their account.	Pass	shw30	03/03/2022	
R015	Signup button functions with invalid inputs.	Internet browser Django local DB Invalid Registration	username: "" email: "" password: ""	Input the following invalid data into the registration form and press the signup button.	The account is not created and the user is notified with all the invalid fields they have done.	The account is not created and the user is told their username, email and password are all invalid as they are empty.	Pass	shw30	03/03/2022	
R016	Register with an already existing username	Internet browser, Django local DB, Valid account created with username "shane"	"shane" when a user already has this name.	Input the username "shane" when an account with the same username already exists within the profiles table.	The user will be told that the username is already in use and must use a different one while not allowing them to create the account.	The user is told the username is already in use and they are not able to create their account.	Pass	shw30	07/03/2022	
R017	Register with an already existing email	Internet browser, Django local DB, Valid account created with the email "123@gmail.com"	"123@gmail.com" when a user already has this email.	Input the email "123@gmail.com" when an account with the same email already exists within the profiles table.	The user will be told that the email is already in use and must use a different one while not allowing them to create the account.	The user is allowed to create an account with the same email as an already existing account.	Fail	shw30	07/03/2022	Accounts with the same email should not be allowed to avoid account creation spam from bots.

Login Page										
ID	Description	Prerequisites	Test Data	Steps	Expected Result	Actual Result	Pass or Fail	Created By	Date	Additional Comments
SI001	Login page loads and displays the Login form.	Internet browser, Django local DB, Valid account already created	N/A	Start the website on localhost and navigate to "127.0.0.1:8000/login/" using the login button.	The login page is displayed along with the login form, including all of its elements: username box, password box, login and singup button.	The login page loaded and displayed the login form along with all its elements.	Pass	shw30	04/03/2022	
SI002	Username box valid input.	Internet browser, Django local DB, Valid account already created	A correct username. "shane"	Enter the valid username into the username box and attempt to login.	The user will be allowed to enter their username without it being flagged for invalid characters but not login due to their password being incorrect as it was not entered.	The user is allowed to enter their username without it being flagged for invalid characters but not login due to their password being incorrect as it was not entered.	Pass	shw30	04/03/2022	
SI003	Username box edgcase input.	Internet browser, Django local DB, Valid account already created	"" " hello"	Enter the edgcase username into the username box and attempt to login.	The user will be allowed to enter their username without it being flagged for invalid characters but not login due to their password being incorrect as it was not entered.	The user will be allowed to enter their username without it being flagged for invalid characters but not login due to their password being incorrect as it was not entered.	Fail	shw30	04/03/2022	The user created their account with the username " hello" but after creation the whitespace was deleted without the user being told so when trying to login with the original username it was invalid. Either spaces before characters need to not be allowed during account creation or the user needs to be told their whitespace has been removed.
SI004	Username box invalid input.	Internet browser, Django local DB, Valid account already created	An incorrect username. "does not exist"	Enter the invalid username into the username box and attempt to login.	The user will be allowed to enter their username without it being flagged for invalid characters but not login due to their password being incorrect as it was not entered.	The user will be allowed to enter their username without it being flagged for invalid characters but not login due to their password being incorrect as it was not entered.	Pass	shw30	04/03/2022	Perhaps tell the user their username has invalid characters, in case they forgot their username partially and try typing invalid characters when their username is almost correct.
SI005	Password box valid input.	Internet browser, Django local DB, Valid account already created	A correct password. "testme123"	Enter the valid password into the password box and attempt to login.	The user will be allowed to enter their password without it being flagged for invalid characters but not login due to their username being incorrect as it was not entered.	The user will be allowed to enter their password without it being flagged for invalid characters but not login due to their username being incorrect as it was not entered.	Pass	shw30	04/03/2022	
SI006	Password box edgcase input.	Internet browser, Django local DB, Valid account already created	""	Enter the edgcase password into the password box and attempt to login.	The user will be allowed to enter their password without it being flagged for invalid characters but not login due to their username being incorrect as it was not entered.	The user will be allowed to enter their password without it being flagged for invalid characters but not login due to their username being incorrect as it was not entered.	Pass	shw30	04/03/2022	
SI007	Password box invalid input.	Internet browser, Django local DB, Valid account already created	An incorrect password. "incorrectpassword"	Enter the invalid password into the password box and attempt to login.	The user will be allowed to enter their password without it being flagged for invalid characters but not login due to their username being incorrect as it was not entered.	The user will be allowed to enter their password without it being flagged for invalid characters but not login due to their username being incorrect as it was not entered.	Pass	shw30	04/03/2022	
SI008	Username & Password valid input.	Internet browser, Django local DB, Valid account already created	username: "shane" password: "testme123"	Enter the valid username and password and attempt to login.	The user will be logged into their account upon entering a valid login and be redirected to "http://127.0.0.1:8000/" page.	The user is logged into their account and is redirected to the homepage.	Pass	shw30	04/03/2022	
SI009	Username & Password edgcase input.	Internet browser, Django local DB, Valid account already created	username: "shane" password: "incorrectpass"	Enter a valid username but invalid password and vice versa then attempt to login.	The user will not be logged into their account and are told their username or password was incorrect.	The user was not be logged into their account and are told their username or password was incorrect.	Pass	shw30	04/03/2022	
SI010	Username & Password invalid input.	Internet browser, Django local DB, Valid account already created	username: "shane" password: "testme123"	Enter an invalid username but invalid password and attempt to login.	The user will not be logged into their account and are told their username or password was incorrect.	The user was not be logged into their account and are told their username or password was incorrect.	Pass	shw30	04/03/2022	

SI011	Login button functions.	Internet browser, Django local DB, Valid account already created	username: "shane" password: "testme123"	Press the login button.	The login button should start the process of checking to see if the login details are correct.	The login button starts the process of checking login details.	Pass	shw30	04/03/2022	
SI012	Signup button functions.	Internet browser, Django local DB, Valid account already created	N/A	Press the signup button on the login page.	The user will be redirected to the "http://127.0.0.1:8000/register/" page.	The user is redirected to the "http://127.0.0.1:8000/register/" page.	Pass	shw30	04/03/2022	

Logout Page / Button										
ID	Description	Prerequisites	Test Data	Steps	Expected Result	Actual Result	Pass or Fail	Created By	Date	Additional Comments
LO001	Logout button functions and redirects to the logout page.	Internet browser, Django local DB, Valid account already created	Logged into the account username: "admin" password "admin"	Log into an account and then logout of the account by pressing the logout button.	The user is logged out of the account and are redirected to the "http://127.0.0.1:8000/logout/" page.	The user is logged out of the admin account and redirected to the "http://127.0.0.1:8000/logout/" page.	Pass	shw30	04/03/2022	
LO002	User stays logged out after refreshing the page, checking if login tokens persist after browser refresh.	Internet browser, Django local DB, Valid account already created	Logged into the account username: "admin" password "admin"	Log into an account and then logout of the account by pressing the logout button. After logging out refresh the page and refresh cache. If using google chrome press CTRL + F5	The user stays logged out after refreshing the page and doesn't log them back in.	The user stayed logged out.	Pass	shw30	04/03/2022	
LO003	Login again button redirects the user to the login page.	Internet browser, Django local DB, Valid account already created	Logged into the account username: "admin" password "admin"	Log into an account and then logout of the account by pressing the logout button. After logging out press the login again button.	The user is redirected to the "http://127.0.0.1:8000/login/" page.	The user is redirected to the "http://127.0.0.1:8000/login/" page.	Pass	shw30	04/03/2022	

New Recipe Page										
ID	Description	Prerequisites	Test Data	Steps	Expected Result	Actual Result	Pass or Fail	Created By	Date	Additional Comments
AR001	New Recipe navigation button does not appear when the user is not logged in.	Internet browser, Django local DB, Logged Out	N/A	Navigate to any page on the website while logged out.	The New Recipe button does not appear when not logged in.	The New Recipe button does not appear when not logged in.	Pass	shw30	05/03/2022	
AR002	Recipe name box valid input.	Internet browser, Django local DB, Logged In	"Beans on Toast" "Chips" "ﻻﺍ"	Input the recipe test data into the recipe name box and attempt to create a recipe with all other recipe fields valid.	The recipe is added into the database and displayed on the Homepage with every other recipe with the correct name listed.	The recipe is added into the database and displayed on the Homepage with every other recipe with the correct name listed.	Pass	shw30	05/03/2022	
AR003	Recipe name box edgcase input.	Internet browser, Django local DB, Logged In	" " " " "Test!"	Input the recipe test data into the recipe name box and attempt to create a recipe with all other recipe fields valid.	Any illegal ASCII characters are blocked and the recipe is not created.	Spaces are not allowed by themselves, however, symbols and broken ASCII are.	Fail	shw30	05/03/2022	Having recipe names with only 1 character may be an oversight, perhaps a minimum character limit could be put in place. Allowing corrupt / broken ASCII characters will allow users to abuse certain characters making the screen unreadable.
AR004	Recipe name box invalid input.	Internet browser, Django local DB, Logged In	""	Input the recipe test data into the recipe name box and attempt to create a recipe with all other recipe fields valid.	The recipe is not added to the database as the name box is empty.	The recipe is not added created as the name box is empty. The user is also notified.	Pass	shw30	05/03/2022	
AR005	Description box valid input.	Internet browser, Django local DB, Logged In	"Two really nice pieces of bread with some hot beans ontop."	Input the recipe test data into the recipe description box and create a recipe with all other recipe fields valid.	The recipe is added into the database and displayed on the Homepage with every other recipe with the correct description listed.	The recipe is added into the database and displayed on the Homepage with every other recipe with the correct description listed.	Pass	shw30	05/03/2022	
AR006	Description box edgcase input.	Internet browser, Django local DB, Logged In	" " "Test!" " " "	Input the recipe test data into the recipe description box and create a recipe with all other recipe fields valid.	Any illegal ASCII characters are not blocked and the recipe is not created.	The minimum description length works but symbols and broken ASCII are allowed. Formatting for the recipe seemed to break with the long embedded image url.	Fail	shw30	05/03/2022	Same issue as AR003. Attempting to embed an image seemed to cause the CSS or HTML to have issues wrapping the text inside the box. Not certain if this due to a singular long continuous string or because of the HTML.
AR007	Description box invalid input.	Internet browser, Django local DB, Logged In	""	Input the recipe test data into the recipe description box and create a recipe with all other recipe fields valid.	The recipe is not created as the description is invalid.	The recipe is not created as the description is invalid. The user is notified that the description is invalid.	Pass	shw30	05/03/2022	
AR008	Guide box valid input.	Internet browser, Django local DB, Logged In	"Toast two slices of bread until golden brown, then heat some beans in a saucepan for 5 minutes. Apply the beans ontop of the toast and you're done!"	Input the recipe test data into the guide box and create a recipe with all other recipe fields valid.	The recipe is added into the database and displayed on the Homepage with every other recipe with the correct guide listed.	The recipe is added into the database and displayed on the Homepage with every other recipe with the correct guide listed.	Pass	shw30	05/03/2022	
AR009	Guide box edgcase input.	Internet browser, Django local DB, Logged In	" " "Test!" " "	Input the recipe test data into the guide box and create a recipe with all other recipe fields valid.	Any illegal ASCII characters are not blocked and the recipe is not created.	The minimum description length works but symbols and broken ASCII are allowed. Formatting for the recipe seemed to break with the long embedded image url.	Fail	shw30	05/03/2022	Same issue as AR003.
AR010	Guide box invalid input.	Internet browser, Django local DB, Logged In	""	Input the recipe test data into the guide box and create a recipe with all other recipe fields valid.	The recipe is not created as the guide is invalid.	The recipe is not created as the guide is invalid. The user is notified that the guide is invalid.	Pass	shw30	05/03/2022	
AR011	Recipe category selection functions.	Internet browser, Django local DB, Logged In	"Other" "Picnic" "Party" "Dinner" "Desert"	Select each option and attempt to create a recipe with all other recipe fields valid.	The recipe is added to the database and displayed on the Homepage with every other recipe with the correct category listed.	The recipe is added to the database and displayed on the Homepage with every other recipe with the correct category listed.	Pass	shw30	05/03/2022	
AR012	Total cost box valid input.	Internet browser, Django local DB, Logged In	"5.50"	Input the recipe test data into the cost box and create a recipe with all other recipe fields valid.	The recipe is added to the database and displayed on the Homepage with every other recipe with the correct price listed.	The recipe is added to the database and displayed on the Homepage with every other recipe with the correct price listed.	Pass	shw30	05/03/2022	There is no currency listed next to total cost when creating the recipe, is the cost in dollars? Pounds? Currency is after the number and not before when viewing the detailed section of the recipe.

AR013	Total cost box edgcase input.	Internet browser, Django local DB, Logged In	".50"	Input the recipe test data into the cost box and create a recipe with all other recipe fields valid.	The recipe is added to the database and displayed on the Homepage with every other recipe with the correct price listed.	The recipe is added to the database and displayed on the Homepage with every other recipe with the correct price listed.	Pass	shw30	05/03/2022	
AR014	Total cost box invalid input.	Internet browser, Django local DB, Logged In	"Hello" "" ".50002"	Input the recipe test data into the cost box and create a recipe with all other recipe fields valid.	The recipe is not created as the cost is invalid.	The recipe is not created as the cost is invalid. The user is told to enter a valid cost. The user is told to round their cost if it has more then 2 decimal places.	Pass	shw30	05/03/2022	
AR015	Cooking time box valid input.	Internet browser, Django local DB, Logged In	"20"	Input the recipe test data into the cooking time box and create a recipe with all other recipe fields valid.	The recipe is added to the database and displayed on the Homepage with every other recipe with the correct cooking time listed.	The recipe is added to the database and displayed on the Homepage with every other recipe with the correct cooking time listed.	Pass	shw30	05/03/2022	There is no units of measurement so how long is this time? Seconds? Minutes? Hours? Days?
AR016	Cooking time box edgcase input.	Internet browser, Django local DB, Logged In	".5"	Input the recipe test data into the cooking time box and create a recipe with all other recipe fields valid.	The recipe is added to the database and displayed on the Homepage with every other recipe with the correct cooking time listed.	The recipe is not created as only whole numbers for cooking time are allowed.	Fail	shw30	05/03/2022	Since the time is only in minutes, even though the user is not its minutes, trying to enter 30 seconds as 0.5 minutes doesn't work.
AR017	Cooking time box invalid input.	Internet browser, Django local DB, Logged In	"Hello" "" ".50002"	Input the recipe test data into the cooking time box and create a recipe with all other recipe fields valid.	The recipe is not created as the cooking time is invalid.	The recipe is not created as the cooking time is invalid.	Pass	shw30	05/03/2022	
AR018	Portion box valid input.	Internet browser, Django local DB, Logged In	"1"	Input the recipe test data into the portion box and create a recipe with all other recipe fields valid.	The recipe is added to the database and displayed on the Homepage with every other recipe with the correct portion amount listed.	The recipe is added to the database and displayed on the Homepage with every other recipe with the correct portion listed.	Pass	shw30	05/03/2022	
AR019	Portion box edgcase input.	Internet browser, Django local DB, Logged In	"0" "1.5"	Input the recipe test data into the portion box and create a recipe with all other recipe fields valid.	The recipe is added to the database and displayed on the Homepage with every other recipe with the correct portion amount listed.	The recipe was created even with a portion size of 0. The recipe was not allowed to be created with a portion size containing a decimal.	Fail	shw30	05/03/2022	You can't have 0 portions. It needs to be discussed if a recipe can 1.5 portions as you can only have whole numbers currently.
AR020	Portion box invalid input.	Internet browser, Django local DB, Logged In	"Hello" ""	Input the recipe test data into the portion box and create a recipe with all other recipe fields valid.	The recipe is not created as the portion size is invalid.	The recipe is not created as the cooking time was invalid.	Pass	shw30	05/03/2022	
AR021	Skill level selection functions.	Internet browser, Django local DB, Logged In	"-----" "Easy" "Medium" "Difficult"	Select each option and attempt to create a recipe with all other recipe fields valid.	The recipe is added to the database and displayed on the Homepage with every other recipe with the correct skill difficulty listed. Selecting the blank option will not allow the recipe to be created.	The recipe is added to the database and displayed on the Homepage with every other recipe with the correct skill difficulty listed. Selecting the blank option will tell the user to select an option and will not allow the recipe to be created.	Pass	shw30	05/03/2022	Maybe provide a reference as to what falls under "Easy", "Medium" and "Difficult" as some people may have their own interpretations of these difficulties. "Skills level" should not be plural on the form.
AR022	Date added box valid input.	Internet browser, Django local DB, Logged In	"2022-03-05 21:44:35"	Enter the test data date and attempt to create a recipe with all other recipe fields valid.	The recipe is added to the database and displayed on the Homepage with every other recipe with the correct date listed on the recipe and within the database.	The recipe is added to the database and displayed on the Homepage with every other recipe with the correct date listed on the recipe and within the database.	Pass	shw30	05/03/2022	The user shouldn't be allowed to edit the date added, this should be automated. If the user edits the date to something invalid they are told to enter a valid date but are not told the format meaning they will need to restart the whole new recipe form if they cannot remember the proper date format. AR022-24 are redundant tests if this changes.
AR023	Date added box edgcase input.	Internet browser, Django local DB, Logged In	"2022-03-05"	Enter the test data date and attempt to create a recipe with all other recipe fields valid.	The recipe is added to the database and displayed on the Homepage with every other recipe with the correct date listed on the recipe and within the database.	The recipe is added to the database and displayed on the Homepage with every other recipe with the correct date listed on the recipe and within the database.	Pass	shw30	05/03/2022	
AR024	Date added box invalid input.	Internet browser, Django local DB, Logged In	"Not a date" ""	Enter the test data date and attempt to create a recipe with all other recipe fields valid.	The recipe is not created as the date is invalid.	The recipe is not created as the date is invalid and the user is told to enter a proper date.	Fail	shw30	05/03/2022	

AR025	Image valid input.	Internet browser, Django local DB, Logged In	PNG JPG SVGZ SVG TIF PIJ XBM JXL JPEG ICO TIFF GIF JFIF WEBP PJPEG AVIF	Upload a file of the following data types and attempt to create a recipe with all other recipe fields valid.	The user is allowed to upload the media file and it is displayed on the Homepage a long with the recipe.	The media file does not upload and does not appear, it uses the default image.	Fail	shw30	05/03/2022	When this is fixed, there should also be a maximum file size, also some of these file types may cause issues.
AR026	Image invalid input.	Internet browser, Django local DB, Logged In	MP4 File PDF File	Upload a file of the following data types and attempt to create a recipe with all other recipe fields valid.	The user is told they are not allowed to upload anything that is not an image.	The user is able to upload whatever kind of file they want.	Fail	shw30	05/03/2022	Image uploading really needs validation, people could upload any type of file onto where media files are stored.
AR027	Recipe is added to the homepage list.	Internet browser, Django local DB, Logged In	name: "Beans on Toast" description: "A long description." Guide: "Some steps explaining how to make the recipe." recipe category: Other total cost: 2 cooking time: 2 portion: 1 Skills level: Medium Date Added: 2022-03-09 22:16:44	Navigate to the create new recipe page and input all the valid recipe data.	The user is able to create a new recipe with all valid data and it appears on the homepage a long with every other recipe.	The user is able to create a new recipe with all valid data and it appears on the homepage a long with every other recipe.	Pass	shw30	09/03/2022	

Recipe Details Page										
ID	Description	Prerequisites	Test Data	Steps	Expected Result	Actual Result	Pass or Fail	Created By	Date	Additional Comments
RD001	Correct recipe details are displayed after selecting one from the homepage.	Internet browser, Django local DB, Logged In, Recipe created	name: "Beans on Toast" description: "A long description." Guide: "Some steps explaining how to make the recipe." recipe category: Other total cost: 2 cooking time: 2 portion: 1 Skills level: Medium Date Added: 2022-03-09 22:16:44	Click on the recipe on the Homepage.	The correct recipes data is displayed and not another recipes data.	The correct recipes data is displayed and not another recipes data.	Pass	shw30	07/03/2022	
RD002	All recipe information is displayed.	Internet browser, Django local DB, Logged In, Recipe created	name: "Beans on Toast" description: "A long description." Guide: "Some steps explaining how to make the recipe." recipe category: Other total cost: 2 cooking time: 2 portion: 1 Skills level: Medium Date Added: 2022-03-09 22:16:44	Click on the recipe on the Homepage.	All the details in Test Data are displayed on the recipes details.	All the details in Test Data are displayed on the recipes details.	Pass	shw30	07/03/2022	
RD003	Clicking the recipes creator name redirects the user to a list of all the recipes they have posted.	Internet browser, Django local DB, Logged In, 2 Recipes created	name: "Beans on Toast" description: "A long description." Guide: "Some steps explaining how to make the recipe." recipe category: Other total cost: 2 cooking time: 2 portion: 1 Skills level: Medium Date Added: 2022-03-09 22:16:44 name: "Beans on Toast 2" description: "A long description." Guide: "Some steps explaining how to make the recipe." recipe category: Other total cost: 2 cooking time: 2 portion: 1 Skills level: Medium Date Added: 2022-03-09 22:16:44	Click on the authors name when on the recipes details.	All the authors decipes are displayed in a list and can be clicked to see them recipes in detail.	All the authors decipes are displayed in a list and can be clicked to see them recipes in detail.	Pass	shw30	07/03/2022	
RD004	Clicking the update button	Internet browser, Django local DB, Logged In, Recipe created	name: "Beans on Toast" description: "A long description." Guide: "Some steps explaining how to make the recipe." recipe category: Other total cost: 2 cooking time: 2 portion: 1 Skills level: Medium Date Added: 2022-03-09 22:16:44	Click on the corresponding button	All the details in Test Data are displayed on the recipes details.	All the details in Test Data are displayed on the recipes details.	Pass	qih6	23/03/2022	From review

RD005	Clicking the delete button	Internet browser, Django local DB, Logged In, Recipes created	name: "Beans on Toast" description: "A long description." Guide: "Some steps explaining how to make the recipe." recipe category: Other total cost: 2 cooking time: 2 portion: 1 Skills level: Medium Date Added: 2022-03-09 22:16:44	Click on the corresponding button	All the authors decipes are displayed in a list and can be clicked to see them recipes in detail.	All the authors decipes are displayed in a list and can be clicked to see them recipes in detail.	Pass	qih6	23/03/2022	From review
-------	----------------------------	--	---	-----------------------------------	---	---	------	------	------------	-------------

Delete Recipe Page / Button										
ID	Description	Prerequisites	Test Data	Steps	Expected Result	Actual Result	Pass or Fail	Created By	Date	Additional Comments
DR001	User is asked if they would wish to delete a recipe after pressing delete recipe.	Internet browser, Django local DB, Logged In, Recipe created	name: "Beans on Toast" description: "A long description." Guide: "Some steps explaining how to make the recipe." recipe category: Other total cost: 2 cooking time: 2 portion: 1 Skills level: Medium Date Added: 2022-03-09 22:16:44	After opening the recipe for more details, click the delete recipe button.	The user is redirected to the 'http://localhost:8000/recipe/7/delete/' page. The correct recipe name is displayed with the option to either delete the recipe or cancel.	The user is redirected to the 'http://localhost:8000/recipe/7/delete/' page. The correct recipe name is displayed with the option to either delete the recipe or cancel.	Pass	shw30	07/03/2022	
DR002	Cancel delete recipe takes the user back to the recipe details they were about to delete.	Internet browser, Django local DB, Logged In, Recipe created	name: "Beans on Toast" description: "A long description." Guide: "Some steps explaining how to make the recipe." recipe category: Other total cost: 2 cooking time: 2 portion: 1 Skills level: Medium Date Added: 2022-03-09 22:16:44	After opening the recipe for more details, click the delete recipe button. Click cancel to stop deleteing the recipe.	The user is redirected to the 'http://localhost:8000/recipe/ID' page. The recipe is not deleted.	The user is redirected to the 'http://localhost:8000/recipe/ID' page. The recipe is not deleted.	Pass	shw30	07/03/2022	
DR003	Delete recipe removes the recipe from the recipe list.	Internet browser, Django local DB, Logged In, Recipe created	name: "Beans on Toast" description: "A long description." Guide: "Some steps explaining how to make the recipe." recipe category: Other total cost: 2 cooking time: 2 portion: 1 Skills level: Medium Date Added: 2022-03-09 22:16:44	After opening the recipe for more details, click the delete recipe button. Then confirm the deletion by clicking delete again.	The user is redirected to the 'http://localhost:8000/' page. The recipe is deleted.	The user is redirected to the 'http://localhost:8000/' page. The recipe is deleted.	Pass	shw30	07/03/2022	
DR004	Only the author can delete their own recipes.	Internet browser, Django local DB, Logged Out, Recipe created	name: "Beans on Toast" description: "A long description." Guide: "Some steps explaining how to make the recipe." recipe category: Other total cost: 2 cooking time: 2 portion: 1 Skills level: Medium Date Added: 2022-03-09 22:16:44	Logout of the account used to create the recipe and navigate to it using the homepage and see if the delete button is present.	The delete button is only present for the author and does not appear for anyone else.	The delete button is only present for the author and does not appear for anyone else.	Pass	shw30	07/03/2022	

Change Password Page / Button										
ID	Description	Prerequisites	Test Data	Steps	Expected Result	Actual Result	Pass or Fail	Created By	Date	Additional Comments
CP001	Checking if button Change Password from Profile Page is working correctly and moving user to the Change Password Page	Internet browser, Django local DB,	N/A	Clicking button Change Password	Move to change password page	Move to change password page	Pass	adb34	22/03/2022	N/A
CP002	Checking if button Change Password from Login Page is working correctly and moving user to the Change Password Page	Internet browser, Django local DB,	N/A	Clicking button Change password	Move to change password page	Move to change password page	Pass	adb34	22/03/2022	N/A
CP003	Clicking button send email with putting any email address	Internet browser, Django local DB,	nothing	Clicking button Send Email	Message that user needs to put email address	Message that user needs to put email address	Pass	adb34	22/03/2022	N/A
CP004	Putting wrong email address	Internet browser, Django local DB,	Email address - ada	Wrote ada in email address and press button Send Email	Message that user needs to put real email address with correct format	Message that user needs to put real email address with correct format	Pass	adb34	22/03/2022	N/A
CP005	Putting correct email address on which my profile was created on the website	Internet browser, Django local DB,	Email address - adahsm@gmail.com	Wrote adahsm@gmail.com in email address and press button Send Email	Send an email with link to the page on which I can change password and display message on the screen that email was sent to the user	Send an email with link to the page on which I can change password and display message on the screen that email was sent to the user	Pass	adb34	22/03/2022	N/A
CP006	Open link from email address	Internet browser, Django local DB,	nothing	Clicking link from email	Move to the Changing password Page part 2	Move to the Changing password Page part 2	Pass	adb34	22/03/2022	N/A
CP007	Clicking button submit without putting any password	Internet browser, Django local DB,	nothing	Clicking button Submit	Message that user needs to put passwords	Message that user needs to put passwords	Pass	adb34	22/03/2022	N/A
CP008	Putting only one password and nothing is the space for confirm password	Internet browser, Django local DB,	Password - Studia99	Wrote Studia99 like a password and press button submit	Message that user needs to put confirm password	Message that user needs to put confirm password	Pass	adb34	22/03/2022	N/A
CP009	Putting two different passwords	Internet browser, Django local DB,	Password - Studia99 Confirm Password - Studia	Putting not matching passwords and press button submit	Message that user needs to put the same passwords	Message that user needs to put the same passwords	Pass	adb34	22/03/2022	N/A
CP010	Putting two the same passwords but too short	Internet browser, Django local DB,	Passwords - ada	Putting passwords - ada and clicking button Submit	Message that user needs to put longer passwords	Message that user needs to put longer passwords	Pass	adb34	22/03/2022	N/A
CP011	Putting two the same passwords but matching with my username	Internet browser, Django local DB,	Password - lily	Wrote lily like a password and press button submit	Message that user needs to put another password	Message that user needs to put another password	Pass	adb34	22/03/2022	N/A
CP012	Putting correct passwords	Internet browser, Django local DB,	Passwords - Studia99	Putting two similar passwords and press button Submit	The password should be changed in database and user should be able to see message that password is successfully changed	The password should be changed in database and user should be able to see message that password is successfully changed	Pass	adb34	22/03/2022	N/A
CP013	Press button Login Again	Internet browser, Django local DB,	N/A	Pressed button Login Again	User should be move to the Login page again	User should be move to the Login page again	Pass	adb34	22/03/2022	N/A
CP014	User is login with old password	Internet browser, Django local DB,	Username - lily Password - Studia144	Wrote lily like a username, Studia144 like a password and press button Login	User isn't be able to login to the website, on the screen is upper message that password is incorrect	User isn't be able to login to the website, on the screen is upper message that password is incorrect	Pass	adb34	22/03/2022	N/A
CP015	Putting correct password and username	Internet browser, Django local DB,	Username - lily, Password - Studia99	Putting two similar passwords and press button SubmitWrote lily like a username, Studia99 like a password and press button Login	User successfully login to the website	User successfully login to the website	Pass	adb34	22/03/2022	N/A

[illegible]

[illegible]

P030	Submit invalid user name and valid email address	Internet browser, local DB, Pycharm	">" "test0308@hotmail.com"	Modify form with test data and click update button	The remind of user name is "Required. 150 characters or fewer. Letters, digits and @/./+/-/_ only", so there is a warning message to let user input a valid user name	There is a warning message but updated user name in the profile page.	fail	qih6	08/03/2022	Fixed
P031	Submit invalid user name and valid email address	Internet browser, local DB, Pycharm	"Test;" "test0308@hotmail.com"	Modify form with test data and click update button	The remind of user name is "Required. 150 characters or fewer. Letters, digits and @/./+/-/_ only", so there is a warning message to let user input a valid user name	There is a warning message but updated user name in the profile page.	fail	qih6	08/03/2022	Fixed
P032	Submit invalid user name and valid email address	Internet browser, local DB, Pycharm	"> SELECT * FROM auth_user; --" "test0308@hotmail.com"	Modify form with test data and click update button	The remind of user name is "Required. 150 characters or fewer. Letters, digits and @/./+/-/_ only", so there is a warning message to let user input a valid user name	There is a warning message but updated user name in the profile page.	fail	qih6	08/03/2022	Fixed
P032	Submit invalid user name and valid email address	Internet browser, local DB, Pycharm	"计算机科学" "test0308@hotmail.com"	Modify form with test data and click update button	The remind of user name is "Required. 150 characters or fewer. Letters, digits and @/./+/-/_ only", so there is a warning message to let user input a valid user name	Updated successfully	fail	qih6	08/03/2022	Fixed

Homepage										
ID	Description	Prerequisites	Test Data	Steps	Expected Result	Actual Result	Pass or Fail	Created By	Date	Additional Comments
M001	homepage display	Internet browser, Pycharm, local DB	N/A	Run project on localhost and access to "http://127.0.0.1:8000/"	The page is displayed normally with no element lacked	Match expectation	Pass	qih6	11/03/2022	
M002	When not log in, access to Homepage	Internet browser, Pycharm, local DB	N/A	Click corresponding button	The page is displayed normally with no element lacked, no error message in the console, the web address is "http://127.0.0.1:8000/"	Match expectation	Pass	qih6	11/03/2022	
M003	When not log in, access to About	Internet browser, Pycharm, local DB	N/A	Click corresponding button	The page is displayed normally with no element lacked, no error message in the console, the web address is "http://127.0.0.1:8000/about"	Match expectation	Pass	qih6	11/03/2022	
M004	When not log in, access to Login	Internet browser, Pycharm, local DB	N/A	Click corresponding button	The page is displayed normally with no element lacked, no error message in the console, the web address is "http://127.0.0.1:8000/login"	Match expectation	Pass	qih6	11/03/2022	
M005	When not log in, access to Register	Internet browser, Pycharm, local DB	N/A	Click corresponding button	The page is displayed normally with no element lacked, no error message in the console, the web address is "http://127.0.0.1:8000/register"	Match expectation	Pass	qih6	11/03/2022	
M006	When log in, access to Register	Internet browser, Pycharm, local DB	Registered user name and password	Click corresponding button	The page is displayed normally with no element lacked, no error message in the console, the web address is "http://127.0.0.1:8000/register"	Match expectation	Pass	qih6	11/03/2022	
M007	When log in, access to Homepage	Internet browser, Pycharm, local DB	Registered user name and password	Click corresponding button	The page is displayed normally with no element lacked, no error message in the console, the web address is "http://127.0.0.1:8000/"	Match expectation	Pass	qih6	11/03/2022	
M008	When log in, access to About	Internet browser, Pycharm, local DB	Registered user name and password	Click corresponding button	The page is displayed normally with no element lacked, no error message in the console, the web address is "http://127.0.0.1:8000/about"	Match expectation	Pass	qih6	11/03/2022	
M009	When log in, access to Login	Internet browser, Pycharm, local DB	Registered user name and password	Click corresponding button	The page is displayed normally with no element lacked, no error message in the console, the web address is "http://127.0.0.1:8000/login"	Match expectation	Pass	qih6	11/03/2022	
M010	When log in, access to New recipe	Internet browser, Pycharm, local DB	Registered user name and password	Click corresponding button	The page is displayed normally with no element lacked, no error message in the console, the web address is "http://127.0.0.1:8000/recipe/new/"	Match expectation	Pass	qih6	11/03/2022	
M011	When log in, access to Profile	Internet browser, Pycharm, local DB	Registered user name and password	Click corresponding button	The page is displayed normally with no element lacked, no error message in the console, the web address is "http://127.0.0.1:8000/profile"	Match expectation	Pass	qih6	11/03/2022	
M012	When log in, access to My recipes	Internet browser, Pycharm, local DB	Registered user name and password	Click corresponding button	The page is displayed normally with no element lacked, no error message in the console, the web address is "http://127.0.0.1:8000/myrecipes"	Match expectation	Pass	qih6	11/03/2022	
M013	When log in, access to Logout	Internet browser, Pycharm, local DB	Registered user name and password	Click corresponding button	The page is displayed normally with no element lacked, no error message in the console, the web address is "http://127.0.0.1:8000/logout"	Match expectation	Pass	qih6	11/03/2022	

M014	Check the pagination, click "2"	Internet browser, Pycharm, local DB	Prepare 20 row recipe data of DB	Click corresponding button	The page is displayed normally with no element lacked, the web address is "http://127.0.0.1:8000/?page=2"	Match expectation	Pass	qih6	11/03/2022	
M015	Check the pagination, when at homepage, click "next"	Internet browser, Pycharm, local DB	Prepare 20 row recipe data of DB	Click corresponding button	The page is displayed normally with no element lacked, the web address is "http://127.0.0.1:8000/?page=2"	Match expectation	Pass	qih6	11/03/2022	
M016	Check the pagination,, when at homepage, click "last"	Internet browser, Pycharm, local DB	Prepare 20 row recipe data of DB	Click corresponding button	The page is displayed normally with no element lacked, the web address is "http://127.0.0.1:8000/?page=3"	Match expectation	Pass	qih6	11/03/2022	
M017	Check the pagination, click "1"	Internet browser, Pycharm, local DB	Prepare 20 row recipe data of DB	Click corresponding button	The page is displayed normally with no element lacked, the web address is "http://127.0.0.1:8000/?page=1"	Match expectation	Pass	qih6	11/03/2022	
M018	Check the pagination, when at "last page", click "previous"	Internet browser, Pycharm, local DB	Prepare 20 row recipe data of DB	Click corresponding button	The page is displayed normally with no element lacked, the web address is "http://127.0.0.1:8000/?page=2"	Match expectation	Pass	qih6	11/03/2022	
M019	Check the pagination, when at "last page", click "first"	Internet browser, Pycharm, local DB	Prepare 20 row recipe data of DB	Click corresponding button	The page is displayed normally with no element lacked, the web address is "http://127.0.0.1:8000/?page=1"	Match expectation	Pass	qih6	11/03/2022	
M020	Check the pagination, click "3"	Internet browser, Pycharm, local DB	Prepare 20 row recipe data of DB	Click corresponding button	The page is displayed normally with no element lacked, the web address is "http://127.0.0.1:8000/?page=2"	Match expectation	Pass	qih6	11/03/2022	