

### User story 9

As a customer, I want to log in so that I can access the system's functionalities.

ID	9
Purpose	Test login feature with a user that already exists in the database when data is valid.
Set up	Admin user account details to enter: Username: admin Password: abc123
Steps	<ol style="list-style-type: none"><li>1. Navigate to the web app main-page.</li><li>2. Click the 'Log In' button on the top right corner of the navigation bar at the top.</li><li>3. Enter username as "admin" and password as "abc123" (without quotation marks)</li></ol>
Expected Result	<ul style="list-style-type: none"><li>• A message appears that says "Log in successful!"</li><li>• User is redirected to the account's dashboard.</li></ul>

ID	9
Purpose	Test login feature with a user that already exists in the database but password is wrong.
Set up	Admin user account details to enter: Username: admin Password: wrongPassword102
Steps	<ol style="list-style-type: none"><li>1. Navigate to the web app main-page.</li><li>2. Click the 'Log In' button on the top right corner of the navigation bar at the top.</li><li>3. Enter username as "admin" and password as "wrongPassword102" (without quotation marks)</li></ol>
Expected Result	<ul style="list-style-type: none"><li>• A message appears that says "Password incorrect. Please try again".</li><li>• User remains on the log-in page to try again.</li></ul>

ID	9
Purpose	Test login feature with a user that doesn't exist in the database.
Set up	Account details to enter: Username: DontExist Password: somePassword102
Steps	<ol style="list-style-type: none"><li>1. Navigate to the web app main-page.</li></ol>

	<ol style="list-style-type: none"> <li>Click the 'Login' button on the top right corner of the navigation bar at the top.</li> <li>Enter username as "DontExist" and password as "somePassword102" (without quotation marks)</li> </ol>
Expected Result	<ul style="list-style-type: none"> <li>A message appears that says "This user doesn't exist yet! Please register a new account."</li> <li>A link saying "Register" appears which a user can click to register a new account.</li> </ul>

### User story 43

As a customer, I want to be able to log out so that no-one can access my data.

ID	43
Purpose	Test the logout functionality with a user that's already logged in.
Set up	A user is <b>already logged in</b> with the details: Username: admin Password: abc123
Steps	<ol style="list-style-type: none"> <li>Click the 'Log out' button in the top right corner of the navigation bar.</li> </ol>
Expected Result	<ul style="list-style-type: none"> <li>The page is refreshed and no account is logged in.</li> <li>The "Log In" button is now in the place where the "Log out" button was prior to logging out.</li> <li>The user cannot access any functionality related to the account that they just logged out of.</li> </ul>

### User Story 38

As a Developer I want to have an accounts end point for my RESTful API so that I can perform CRUD operations on customers.

ID	38
Purpose	Test the accounts end point.
Set up	<ul style="list-style-type: none"> <li>The project is already running as per accordance with the documentation: <a href="https://docs.google.com/document/d/1IBsgQ2E7cmnTqLc7S0h4Ve316xYT0g-mfRoodxmb3R8/edit">https://docs.google.com/document/d/1IBsgQ2E7cmnTqLc7S0h4Ve316xYT0g-mfRoodxmb3R8/edit</a></li> <li>Postman is installed.</li> <li>You have already signed in with Username: admin and Password: abc123 and received a bearer token.</li> </ul>
Steps	<ol style="list-style-type: none"> <li>Ensure you have signed in and have a valid bearer token.</li> <li>Enter <a href="http://localhost:8080/api/accounts">http://localhost:8080/api/accounts</a> as a POST request on postman.</li> <li>Click the Authorization tab, select Type as Bearer, and enter the</li> </ol>

	bearer token received by signing in. 4. Click 'Send'. 5. Enter <a href="http://localhost:8080/api/accounts/1">http://localhost:8080/api/accounts/1</a> as a POST request on postman. 6. Repeat steps 3 and 4.
Expected Result	<ul style="list-style-type: none"> <li>For <a href="http://localhost:8080/api/accounts">http://localhost:8080/api/accounts</a>, a JSON object should appear in the response body that contains all the accounts.</li> <li>For <a href="http://localhost:8080/api/accounts/1">http://localhost:8080/api/accounts/1</a>, a JSON object should appear in the response body that contains 1 account.</li> </ul>

### User Story 20

As a customer I want to be able to see my name, username, address, and contact number so that I can verify that they are correct.

ID	20
Purpose	Test the user profile functionality with a customer who's logged in.
Set up	A user is <b>already logged in</b> with the details: Username: admin Password: abc123
Steps	1. Navigate to the web app main page. 2. Click 'My Profile' on the navbar,
Expected Result	<ul style="list-style-type: none"> <li>A page should be rendered where the name, username, address and contact number of the user is presented on the screen.</li> </ul>

### Executed Acceptance Tests

User story 38:

Step #	Step Details	Expected Results	Actual Results	Pass/Fail/Not Executed/Suspended
1	Ensure you have signed in and have a valid bearer token.	User has bearer access token they can use.	As expected.	Pass.
2	Enter <a href="http://localhost:8080/api/accounts">http://localhost:8080/api/accounts</a> as a POST request on postman.	Link is inputted in the text box.	As expected.	Pass.
3	Click the Authorization tab, select Type as	Authorization type has been	As expected.	Pass.

	Bearer, and enter the bearer token received by signing in.	selected as 'Bearer' and the token is inputted is in the text box.		
4	Click 'Send'.	The request gets sent and a JSON object appears in the response body.	As expected.	Pass.
5	Enter <u><a href="http://localhost:8080/api/accounts/1">http://localhost:8080/api/accounts/1</a></u> as a POST request on postman.	Link is inputted in the text box.	As expected.	Pass.
6	Repeat steps 3 and 4.	Same expected results as step 3 and 4.	As expected.	Pass.