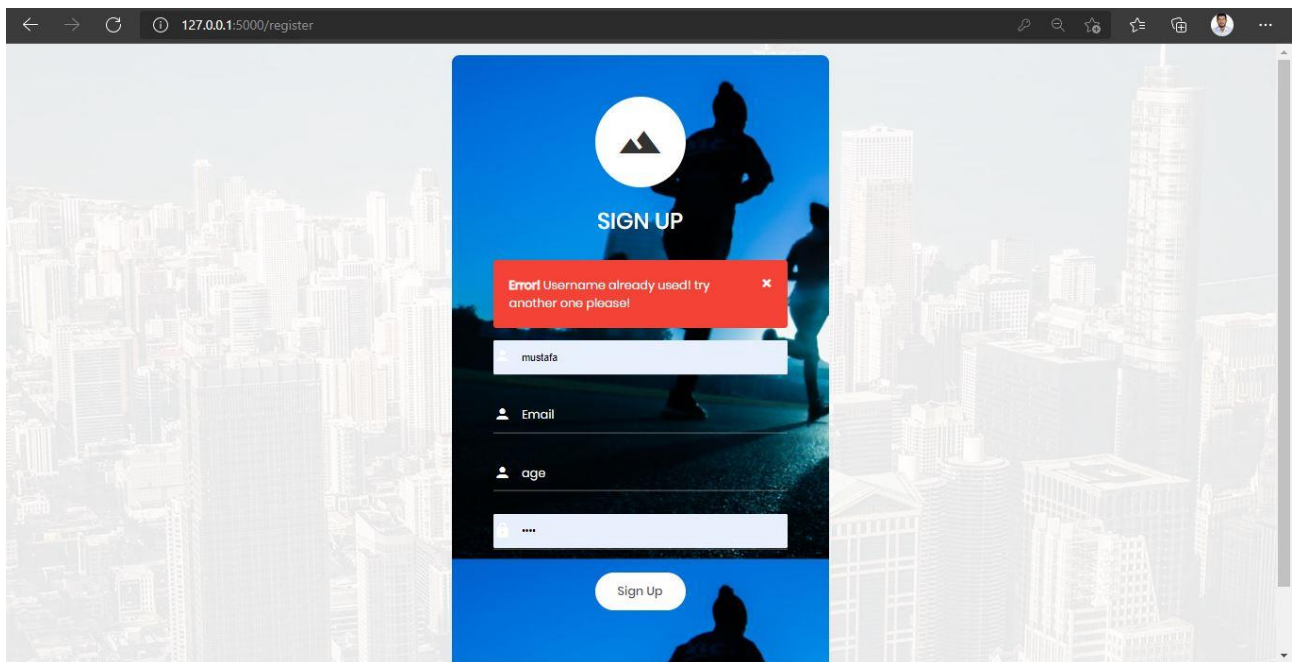


Testing plan

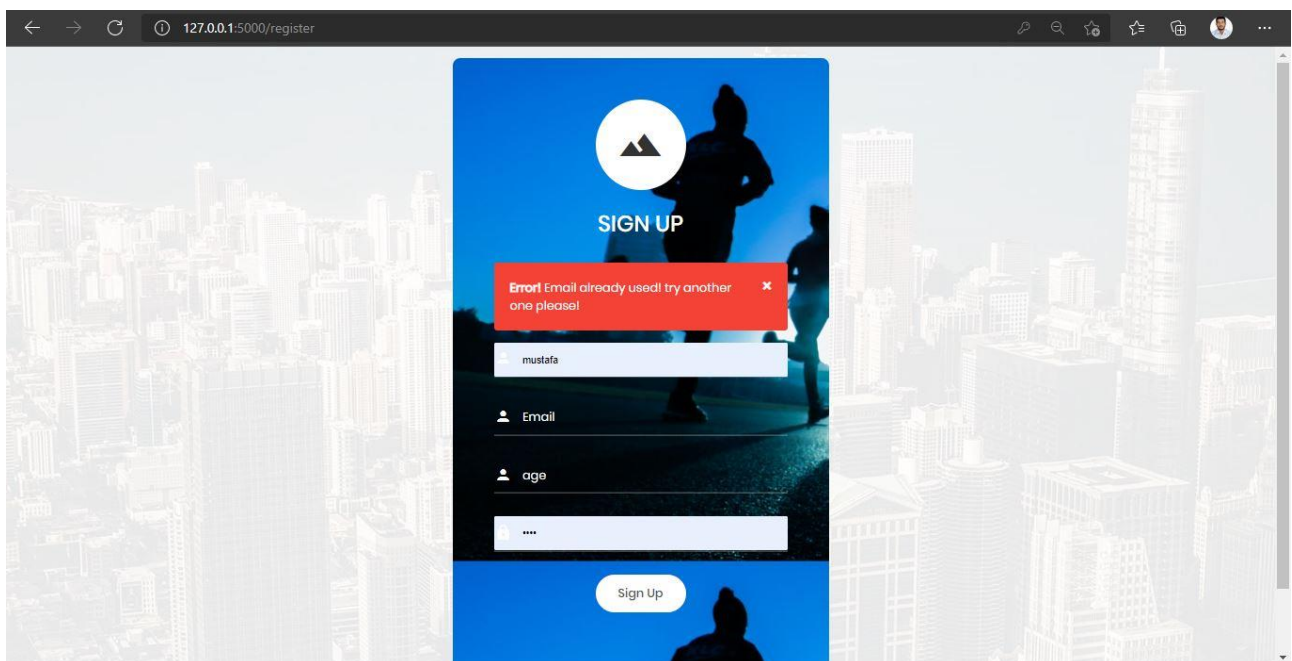
UC1: Registration:

Reference use case identifier	UC1
Test case identifier	TC1
Inputs	The user access to /registration page and inserts: Username-Email-Age-Password
Hypothesis on the internal state	<ul style="list-style-type: none">• The inserted username is already existing in DBMS.• The inserted Email is already existing in DBMS.• User forgot to fill one or more required information.• User does not forget to fill the required filed, the inserted information is not existing in DBMS.
Expected results	<ul style="list-style-type: none">• The system informs the user that the username is already used. Try another one please.• The system informs the user that the Email is already used. Try another one please.• The system informs the user that to fill out the form.• The system redirects the user to /login page.

- The system informs the user that the username is already used. Try another one please:



- The system informs the user that the Email is already used. Try another one please:



- The system informs the user that to fill out the form:

The screenshot shows a web browser window with the address bar displaying "127.0.0.1:5000/register". The page features a "SIGN UP" form with a blue header and a cityscape background. The form includes fields for "Email", "age", and a password field. A validation error message, "Please fill out this field.", is displayed above the "Email" field. A "Sign Up" button is located below the form, and a link for "Already Member?" is at the bottom.

127.0.0.1:5000/register

SIGN UP

Please fill out this field.

Email

age

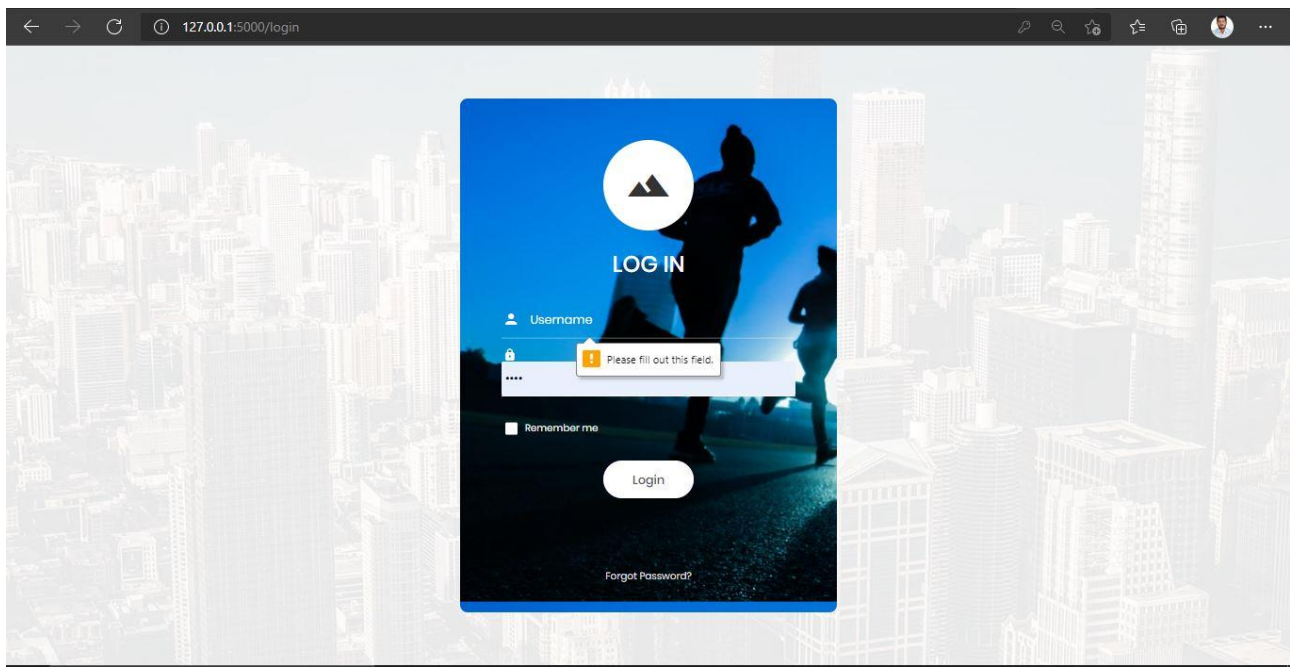
Sign Up

Already Member?

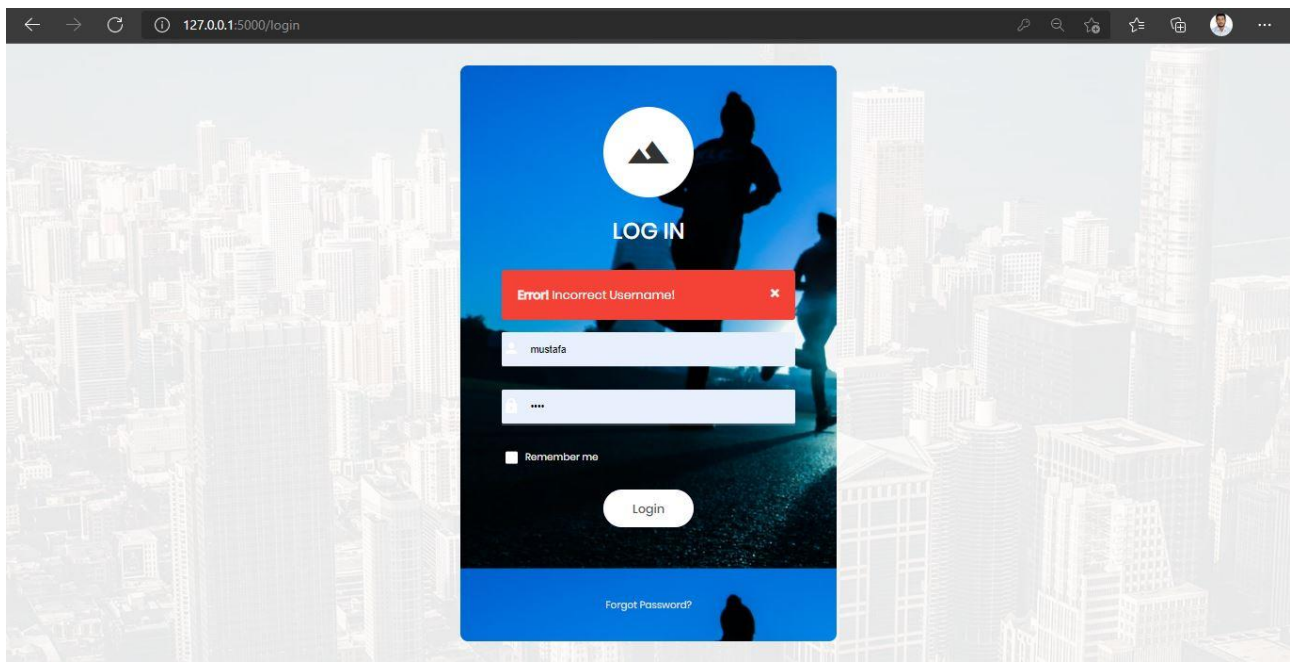
UC2: Login:

Reference use case identifier	UC2
Test case identifier	TC2
Inputs	The user access to /login page or redirected by /Registration page. And inserts: Username - Password
Hypothesis on the internal state	<ul style="list-style-type: none">• User forgot to fill one or more required information.• The inserted username and password are already existing in DBMS.• The inserted username is not existing in DBMS.• The inserted password is not existing in DBMS.
Expected results	<ul style="list-style-type: none">• The system informs the user that to fill out the form.• The system brings the user to /main page.• The system informs the user that the username is incorrect.• The system informs the user that the password is incorrect.

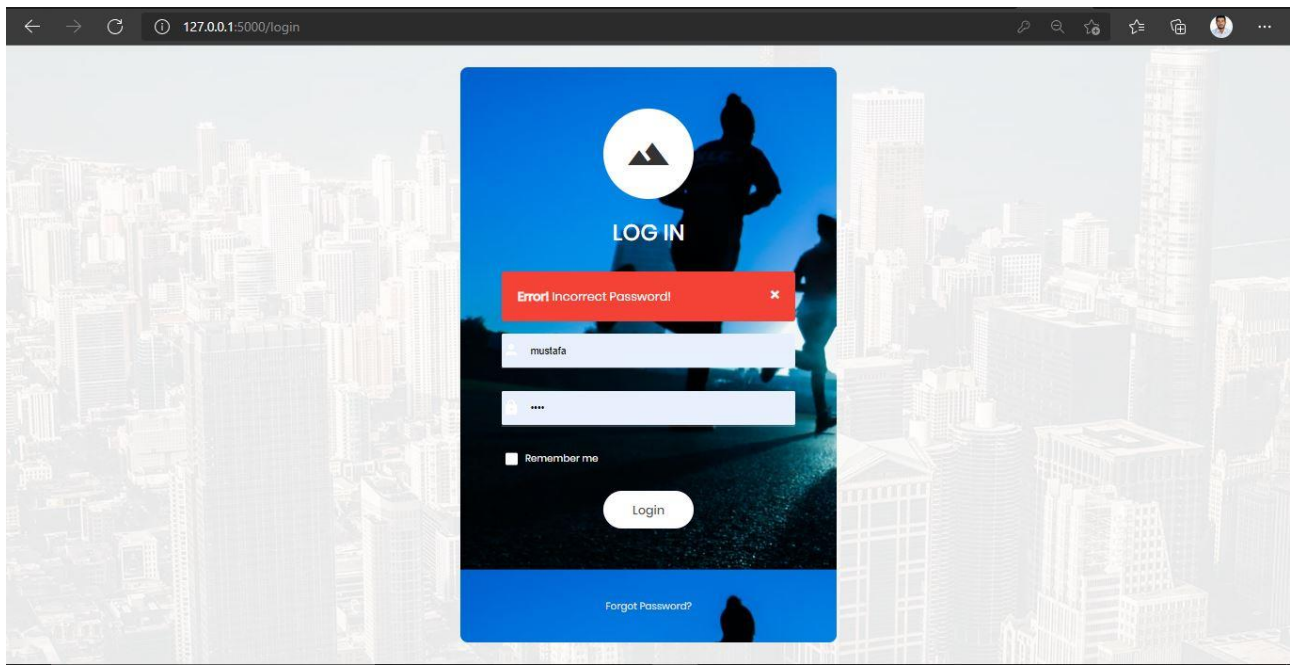
- The system informs the user that to fill out the form:



- The system informs the user that the username is incorrect:



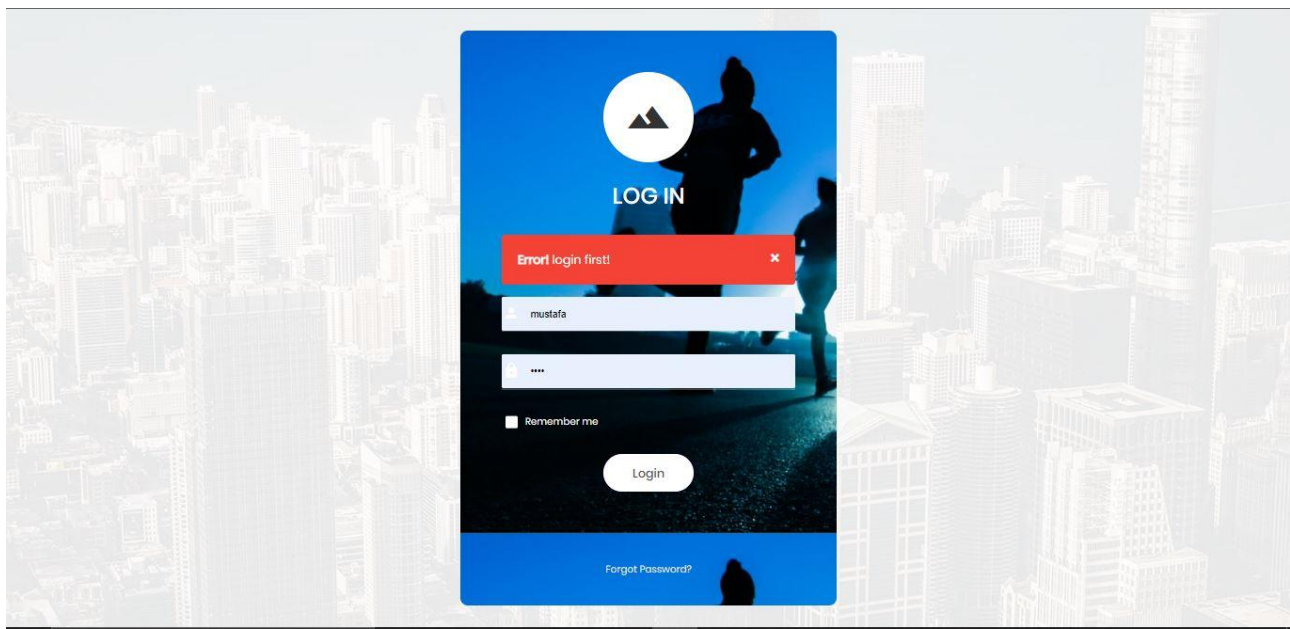
- The system informs the user that the password is incorrect.



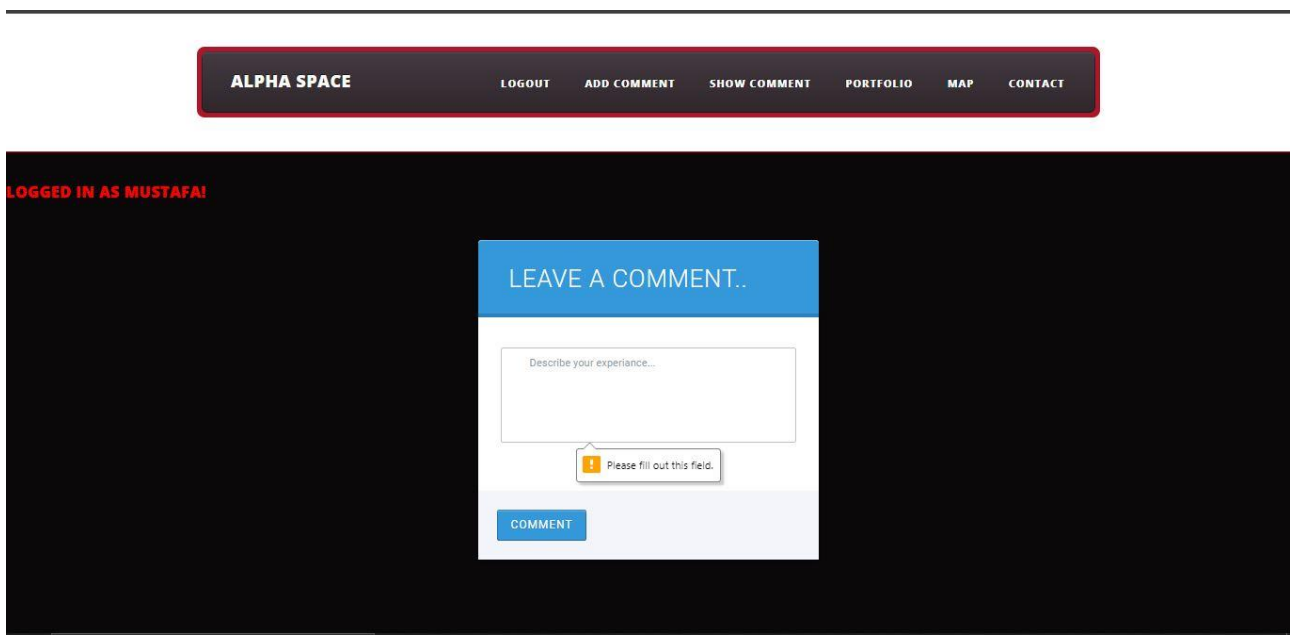
UC4: Commenting:

Reference use case identifier	UC4
Test case identifier	TC3
Inputs	The user access to /Add comment page and insert comment.
Hypothesis on the internal state	<ul style="list-style-type: none">• User is already logged in.• User is not already logged in.• The user leaves the comment box empty and press on the comment button.• User filled the comment box and press on comment button.
Expected results	<ul style="list-style-type: none">• Can access to /Add comment page.• The system redirect user to /login page and inform the user to login first.• The system informs the user that to fill out the form.• The system redirects user to /comment_order page.

- The system redirect user to /login page and inform the user to login first:



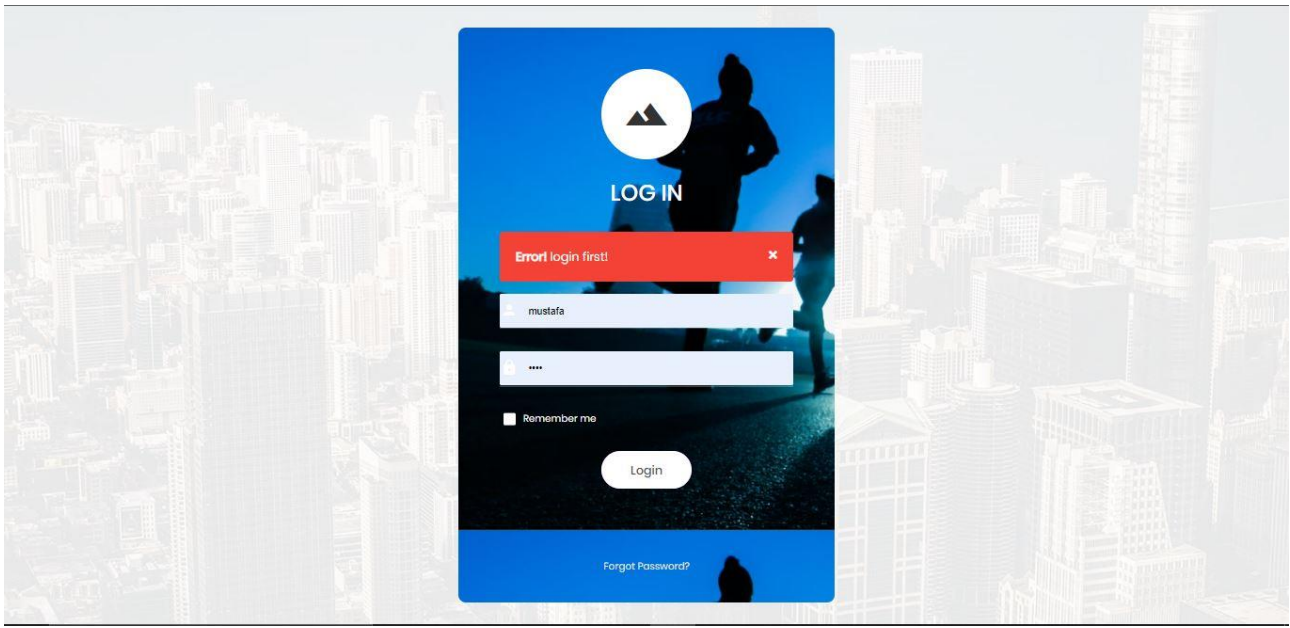
- The system informs the user that to fill out the form:



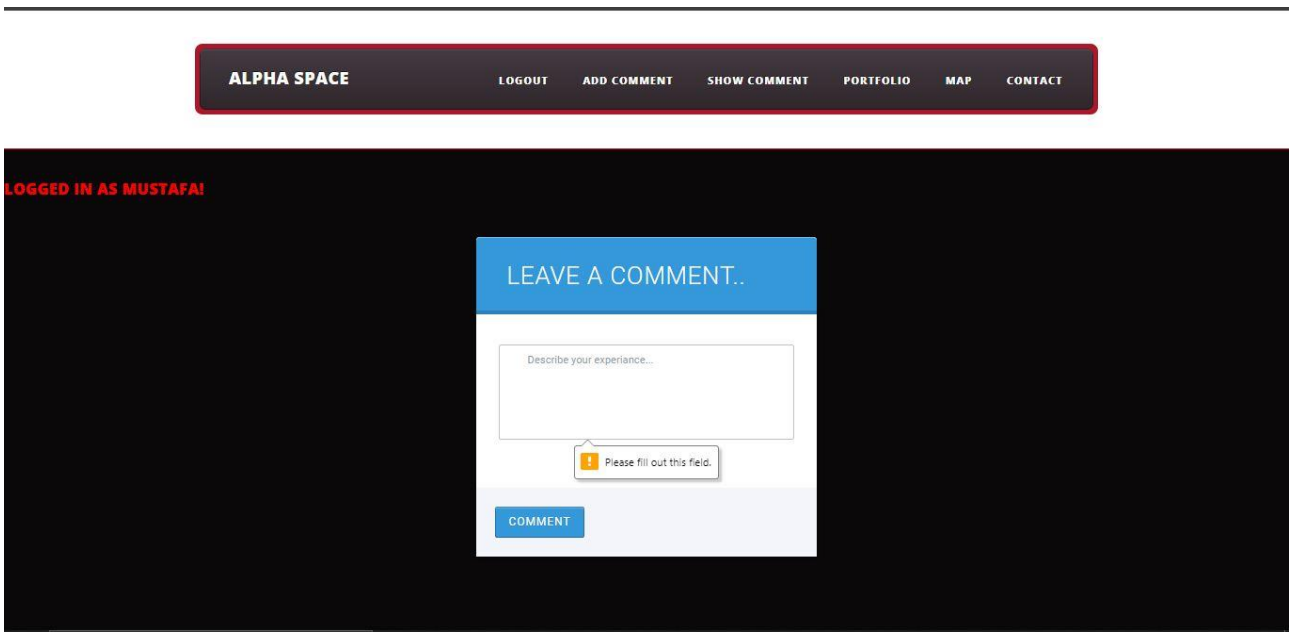
UC5: Edit comment:

Reference use case identifier	UC5
Test case identifier	TC4
Inputs	The user access to /comment_order page and press on "Edit" hyperlink then will be directed to update page. And insert comment
Hypothesis on the internal state	<ul style="list-style-type: none">• User is already logged in.• User is not already logged in.• The user erases the comment and press on the comment button.• User modified the comment or leave the comment as it was on the comment box and press on comment button.• The comment is not belonging to the user "Mohammed" itself.• The comment is belonging to the user "Mohammed" itself.• The user press on delete button.
Expected results	<ul style="list-style-type: none">• Can access to /update page.• The system redirect user to /login page.• The system informs the user that to fill out the form.• The system redirects user to /comment_order page.• The system will not provide the edit hyperlink.• The system will provide the edit hyperlink on user's comment.• The system deletes the comment. And redirects user to /comment_order page.

- The system redirect user to /login page:



- The system informs the user that to fill out the form:



- The comment is not belonging to the user “Mohammed” itself.
- The comment is belonging to the user “Mohammed” itself.

