

## Searching for a Specific User and Updating the User Information.

### Steps:

1. Search JSP page displays a form to take in a user ID
2. userController that will validate the user ID. If it is invalid, it will display an error message and allow the user to re-try. If it is valid, it will retrieve user details from the mysql database and show an edit.jsp page.
3. Once the edit form is submitted, the controller will update the details in the database. A confirmation userinfo.jsp will be shown
4. Users can choose back to the search page and restart the process again.

### Screenshots:

Case 1 with a valid user id:

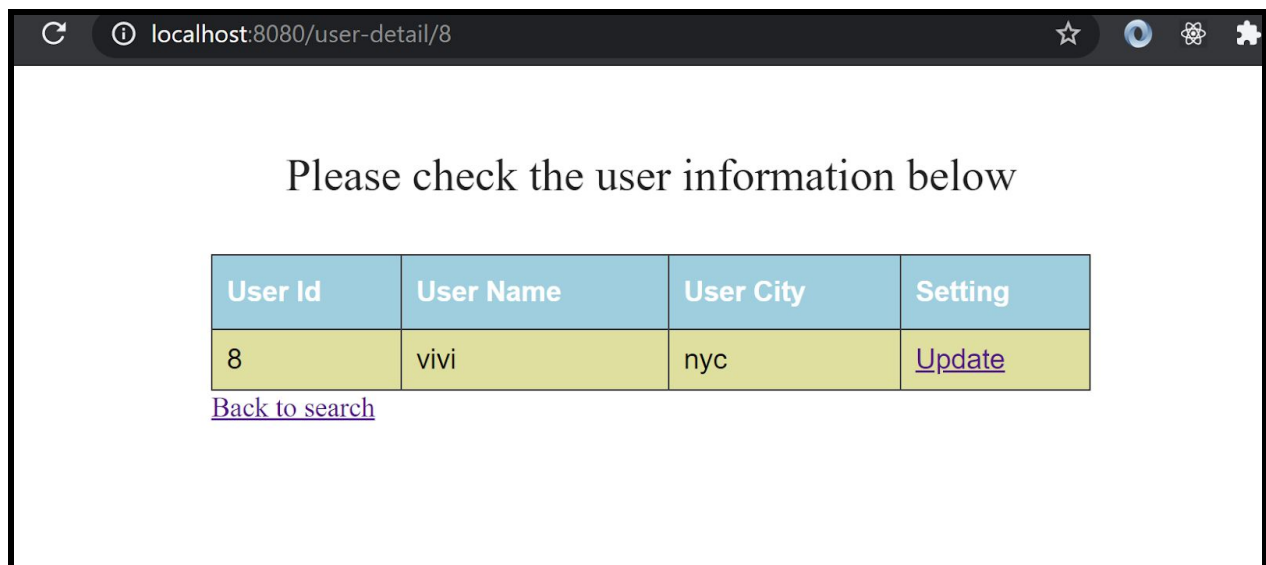
Step 1 : user give the user id , by click search submit button will trigger the form post action



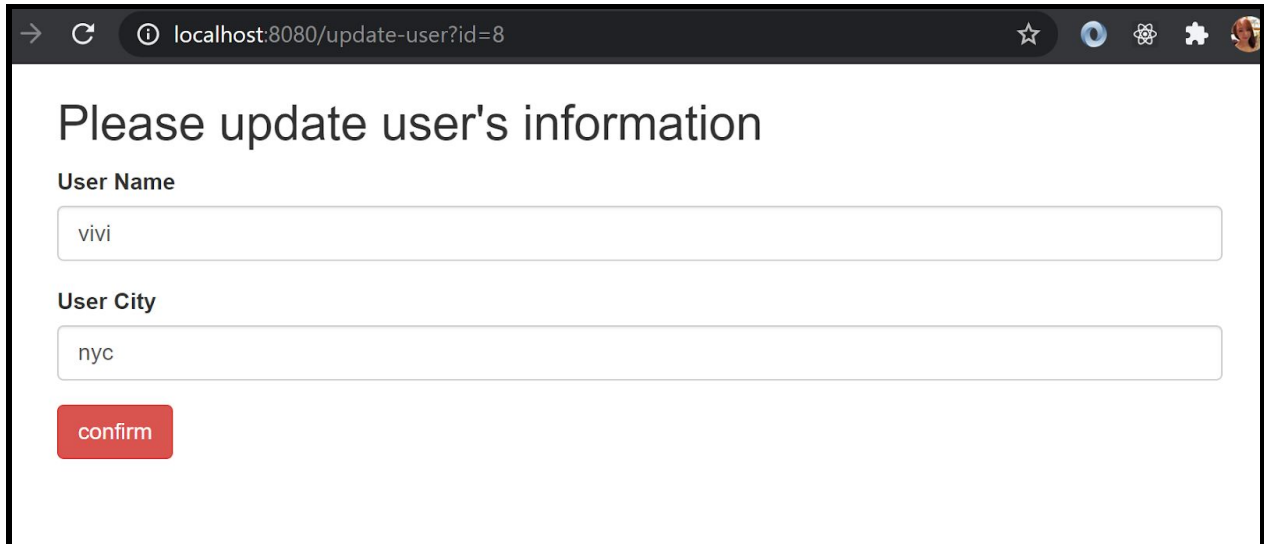
The screenshot shows a web browser window with the address bar displaying 'localhost:8080/search'. The main content area has a heading 'Please Enter The User Id' in a large, bold, black serif font. Below the heading, there is a label 'Id:' followed by a text input field containing the number '8'. Below the input field is a button labeled 'Search'.

**Step 2: redirect to the user-detail/{id},get the user information form database and show the details on the page**

**Step 3: when hover the column will highlight the specific user, by click the update button, will trigger the update-user get action**



**Step 4: display a form with user current information and allow user to update**



A screenshot of a web browser window. The address bar shows 'localhost:8080/update-user?id=8'. The page title is 'Please update user's information'. Below the title, there are two input fields. The first is labeled 'User Name' and contains the text 'vivi'. The second is labeled 'User City' and contains the text 'nyc'. Below these fields is a red button with the text 'confirm'.

Please update user's information

User Name

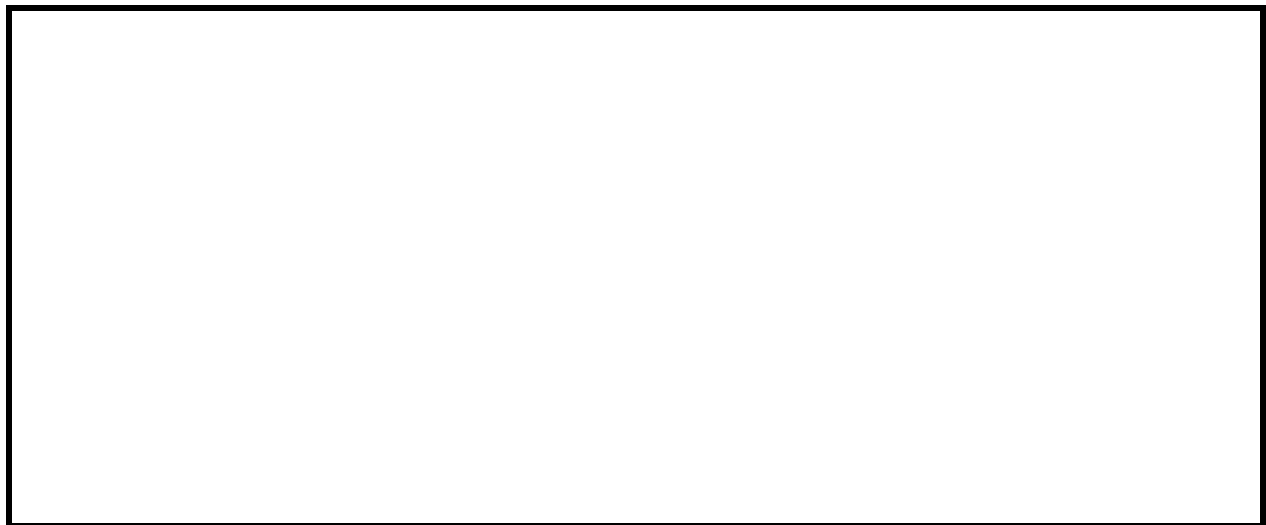
vivi

User City

nyc

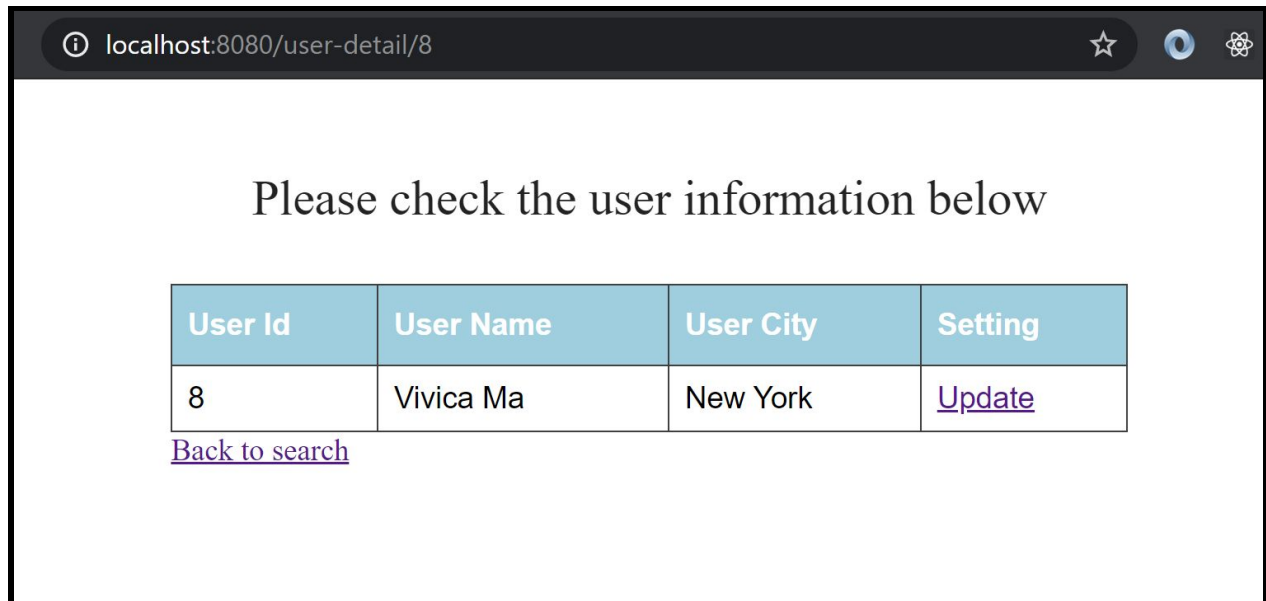
confirm

**Step 5: Getting user's new information**

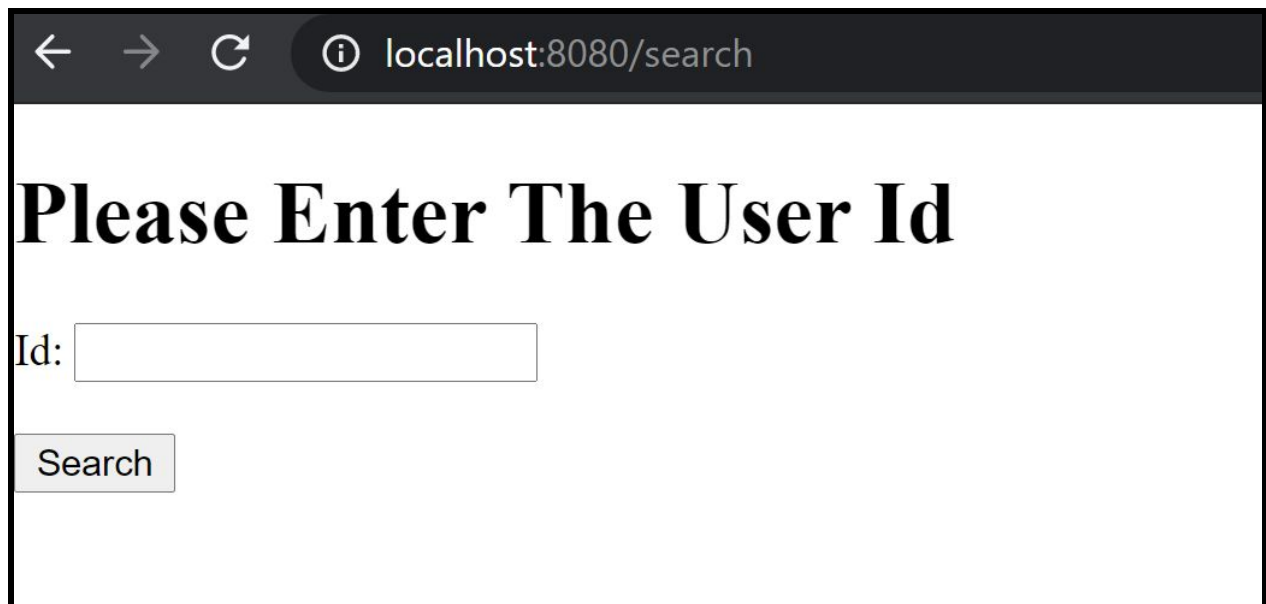


An empty rectangular box with a black border, likely intended for a screenshot or diagram related to Step 5.

**Step 6: By clicking Confirm button will trigger to send new data to the database and redirect to use-info page with updated data.**

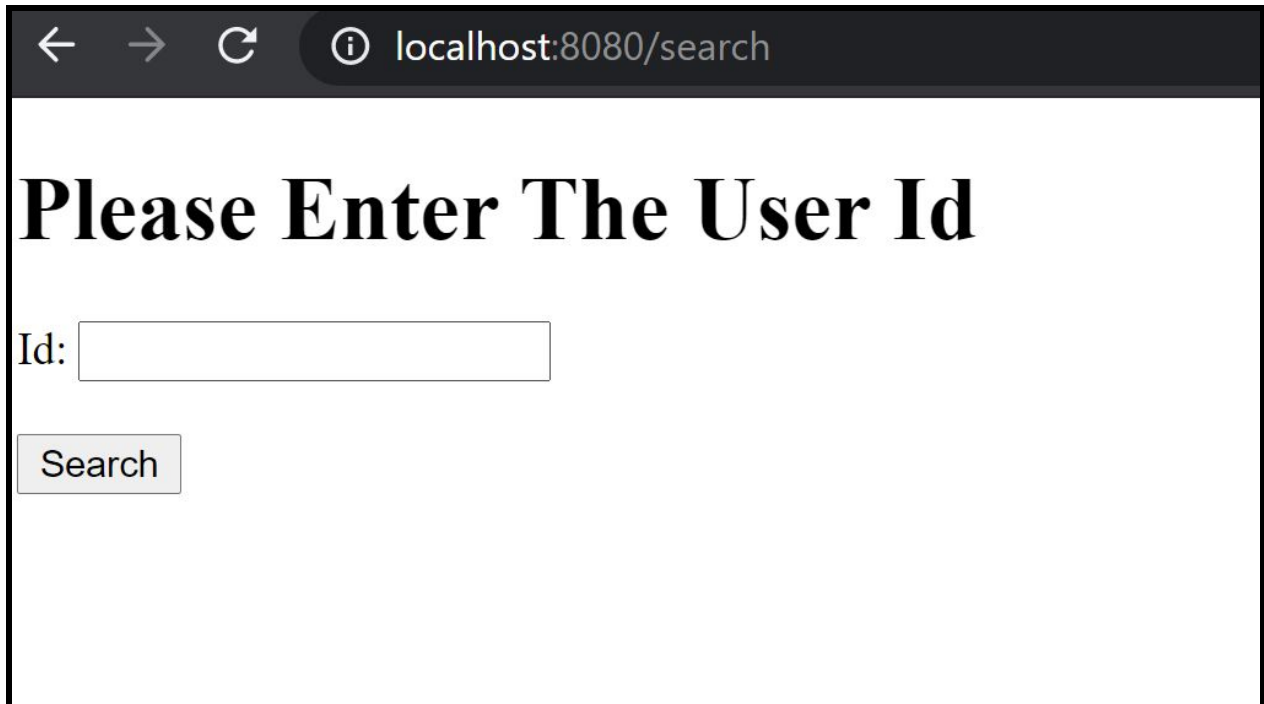


**Step 7: By clicking Back to search will redirect back to the search page.**




Case 2 with an invalid user id:

Step 1: display a form for user to give an id to search



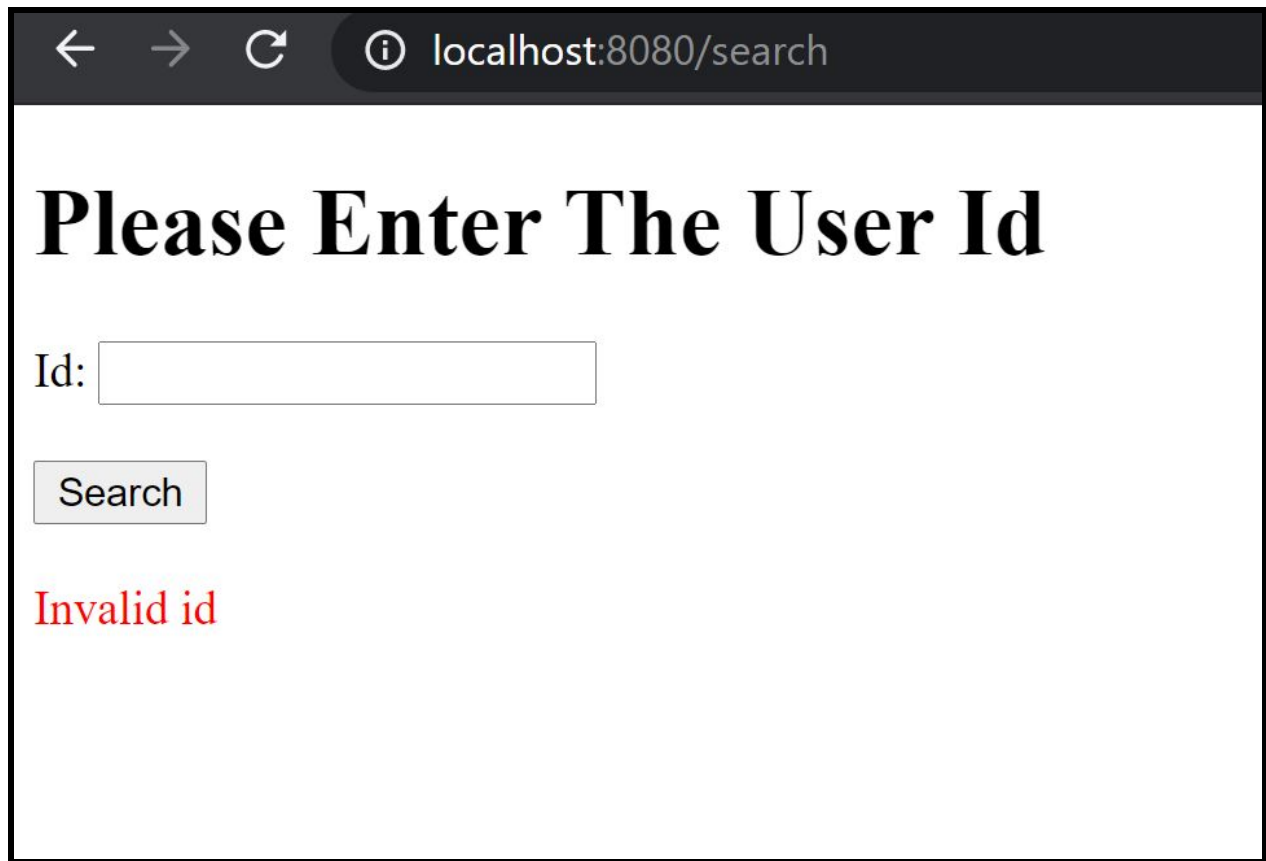
A screenshot of a web browser window. The address bar shows 'localhost:8080/search'. The main content area has a large heading 'Please Enter The User Id'. Below the heading is a text input field labeled 'Id:'. Below the input field is a button labeled 'Search'.

Step 2: user gives an invalid id



A screenshot of the same web browser window. The address bar still shows 'localhost:8080/search'. The heading 'Please Enter The User Id' is still present. The text input field labeled 'Id:' now contains the text '1000'. The 'Search' button is still below the input field.

Step 3: , controller side will validate the input , since the input is out of the range, this will trigger the error message, and will display an error message to the user.



A screenshot of a web browser window. The address bar shows 'localhost:8080/search'. The main content area has a large heading 'Please Enter The User Id'. Below the heading is a form with a label 'Id:' followed by a text input field. Below the input field is a 'Search' button. At the bottom of the form, the text 'Invalid id' is displayed in red, indicating an error.

**Github link:**

<https://github.com/chefvivica/Searching-for-a-Specific-User-and-Updating-the-User-Information>