

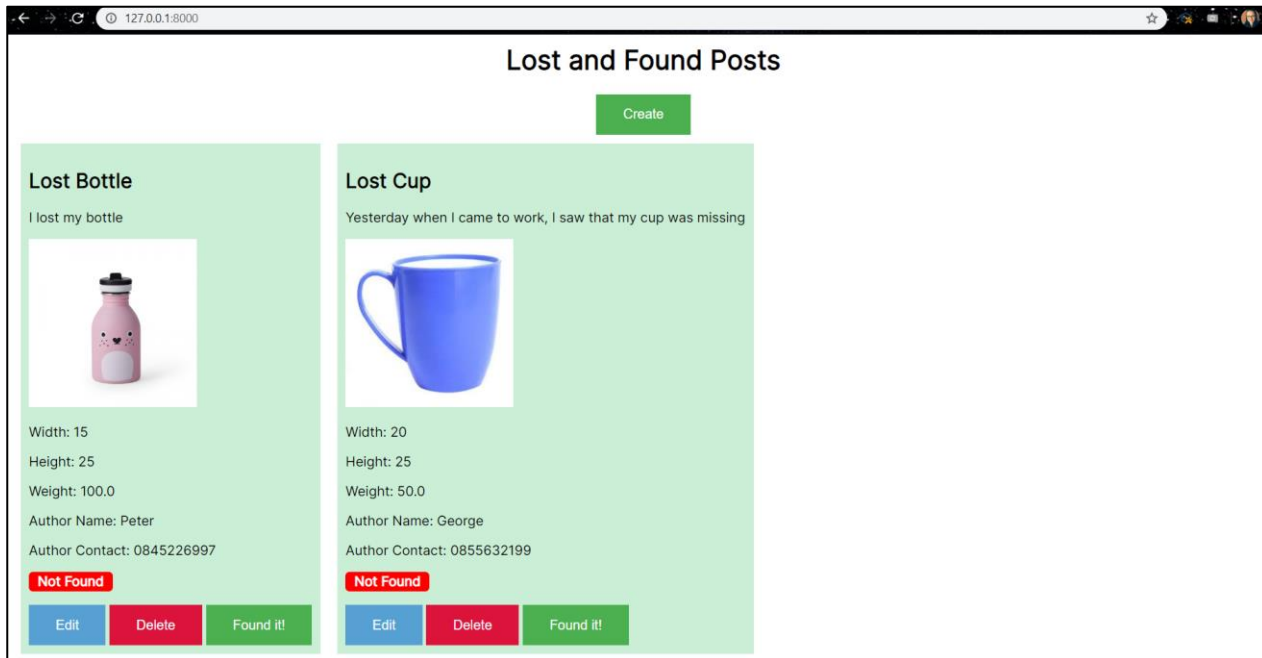
Lab: Unit and Integration Testing

1. Create Unit and Integration Testing on Project

You will be provided with a project called "Lost and Found". You need to create tests to cover all the functionalities of the app. The following points describe how the project works

Home Page

On the home page you should see all the posts from the database and a button with "Create" should appear on the top. URL: "<http://localhost:8000>"



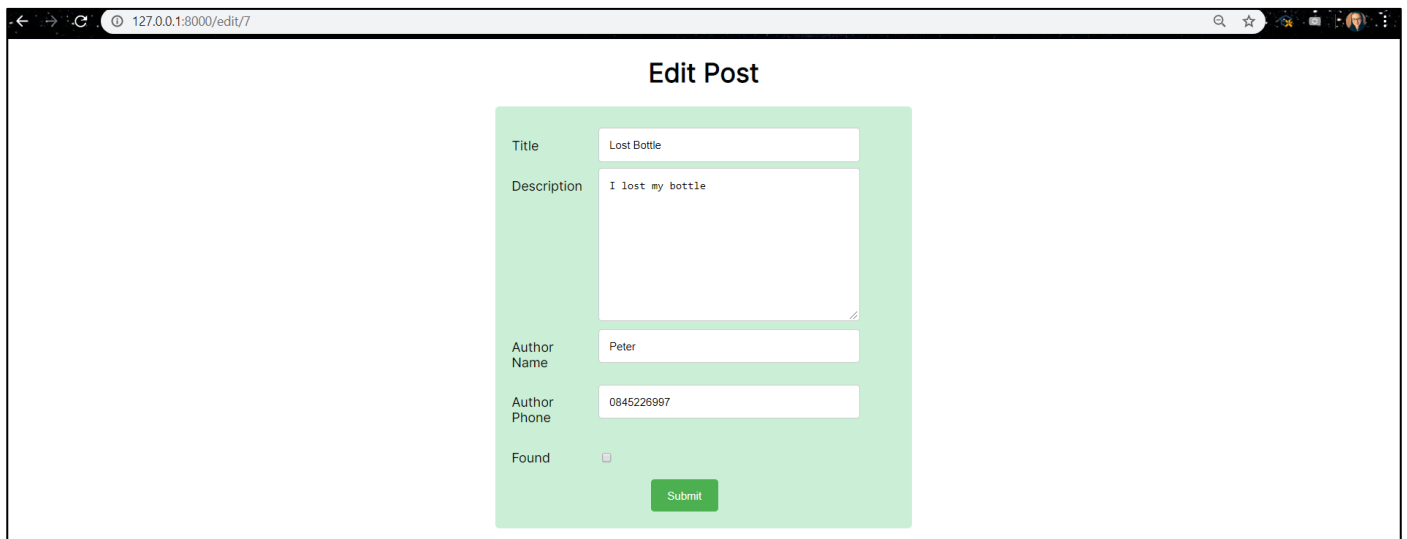
Create

On the create page, the following form should be displayed. URL: "<http://localhost:8000/create>"

The screenshot shows a web browser at 127.0.0.1:8000/create/ displaying the 'Create a Post' form. The form is a light green box with the following fields: 'Title' (text input), 'Description' (text area), 'Author Name' (text input), 'Author Phone' (text input), 'Object Title' (text input), 'Image' (text input), 'Width' (text input), 'Height' (text input), and 'Weight' (text input). At the bottom right of the form is a green 'Submit' button.

Edit

On the edit page, the following form should be displayed. URL: "<http://localhost:8000/edit/{id}>"



Edit Post

Title:

Description:

Author Name:

Author Phone:

Found: ☐

Delete

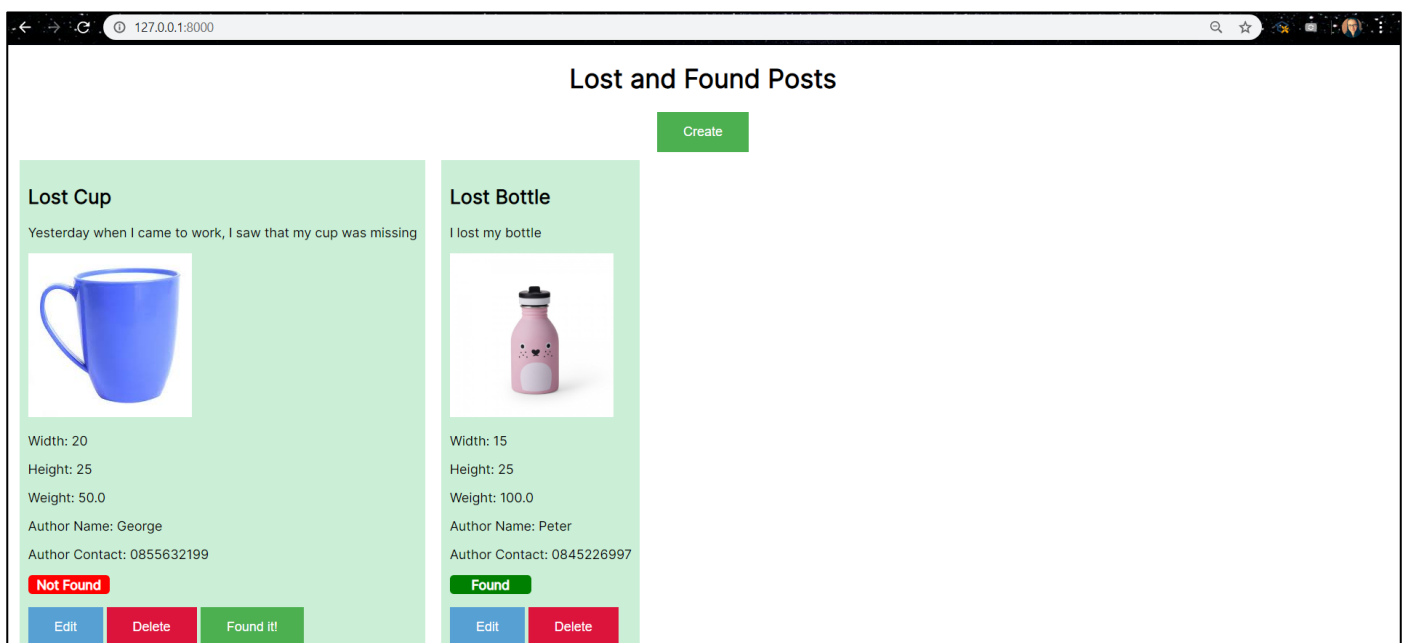
When clicking the delete button, the post should be deleted, and the index page should be refreshed

Found and Not Found

When an item has not yet been found, a button with content "**Found it!**" should appear in the post. If the item has been found, the button should not be there.

Also, the labels "**Not Found**" and "**Found**" should be displayed based on whether the item has been found.


For more clarification, see the picture



Lost and Found Posts

Lost Cup

Yesterday when I came to work, I saw that my cup was missing




Width: 20
Height: 25
Weight: 50.0
Author Name: George
Author Contact: 0855632199

Not Found

Lost Bottle

I lost my bottle



Width: 15
Height: 25
Weight: 100.0
Author Name: Peter
Author Contact: 0845226997

Found

Testing

Create tests for

- All the models

- All the forms
- All the views