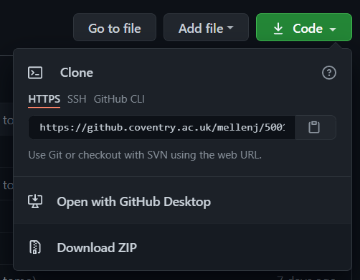
# Code Location and Installation:



My code is located on the Coventry GitHub here:

[**https://github.coventry.ac.uk/mellenj/5001CEM\_Auction\_House**](https://github.coventry.ac.uk/mellenj/5001CEM_Auction_House)

From GitHub:

* You can either use the https to clone (depending on your ide)

Or Download the Zip file

* Modules required to run are
  + Flask - pip install flask
  + Flask sqlalchemy - pip install flask-sqlalchemy
* Then run:
  + run.py

## Testing Regime

### Project Explanation

This Project is named Pez-Bay. This is a Flask Web App; it is an Auction Website that includes User Accounts with easy registration and login features. It allows these users to sell Items on a Sell page and to view their profile that includes their user details and the items they have sold or are currently selling, With the added ability to mark their items as Sold and end any Auction. Pez-Bay allows you to view all current selling items on the Home page, you can see more information on each item and can Bid on items too.

### Scope

The tests will be split into Sections, testing different pages. These Tests should commence over the period of 1 Hour These Include:

* Home page
* Register Page
* Login Page
* Items Page
  + Bidding on items
* Sell Page
* User Page
  + Sold Items

### Test Structure

* The Test being done
* The Input Data
  + Normal, Range, Erroneous
* Expected Result
* If the test Passed or Failed
* And Any Interesting comments

Home Page:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test** | **Input** | **Result** | **Pass or Fail** | **Comments** |
| a). Item Display | **/** | All Items currently on sale are displayed on the page |  |  |
| b). Item Data | **/** | The items displayed have the correct data including: Name, Date, And Username |  |  |
| c). Item Image | **/** | All images are displayed correctly and in boxed dimensions, If item has no image Alt text I shown |  |  |
| d). User Logged In/Out | **/** | If User is logged in Card Element shows More information Button, This Button is removed if User is not logged in |  |  |

Register Page:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test** | **Input** | **Result** | **Pass or Fail** | **Comments** |
| a). Input elements | / | All Input Boxes Correctly Displayed |  |  |
| b). Email text  validation | -[test@test.com](mailto:test@test.com)  [-test@test.com@](mailto:-test@test.com@)  -test.com | Accepts only emails, Requires one @ |  |  |
| c). Phone integer validation | 07972052216  067272727.88  test | Only accepts integers |  |  |
| d). Password Obscuring | / | Passwords characters are Obscured |  |  |
| e). User Already Exists | / | If User already in the User Table Regster page will flash “User already Exists” |  |  |

Login Page:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test** | **Input** | **Result** | **Pass or Fail** | **Comments** |
| a). Input elements | / | All Input Boxes Correctly Displayed |  |  |
| b). Username Validation | / | If The incorrect Username is Input the page will flash “User not found” |  |  |
| b). Password  Validation | / | If The incorrect Password is Input the page will flash “Incorrect Password” |  |  |

Items Page:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test** | **Input** | **Result** | **Pass or Fail** | **Comments** |
| 1a). Item Data | / | Correct information for The current Item is displayed this includes: Item name, date, user phone number, User email |  |  |
| 1b). Item Image | / | Correct Image is displayed if there is one to display |  |  |
| 2a). Auction Modal | / | Auction Modal button should appear bellow the item information |  |  |
| 2b). Current Bid | / | The correct Current Bid should show up in the Auction Modal |  |  |
| 2c). Bid Type Validation | / | Input should only take integers |  |  |
| 2d). Bid amount Validation | / | Bid must be above the current bid, if not then item page should flash “Bid can’t be lower than current bid!” |  |  |

Sell Page:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test** | **Input** | **Result** | **Pass or Fail** | **Comments** |
| a). Input elements | / | All Input Boxes Correctly Displayed |  |  |
| b). Name input Validation | / | Name must be entered |  |  |
| b). File input Validation | .png/.jpg/.gif  .exe  No file selected | File must be selected and must be image |  |  |
| b). Description input Validation | / | Description must be entered |  |  |

User Page:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test** | **Input** | **Result** | **Pass or Fail** | **Comments** |
| 1a). User Data | **/** | Returns all the Users correct data this includes: Username, Email, Phone number. |  |  |
| 2a). User Item | **/** | Users Items must all show up, With correct data, |  |  |
| 2b). Item Sold | **/** | Must show Sold Button and change item to Sold on button press, should also flash “Item sold!” |  |  |