Lab 9 – Bottle Web applications

# **REQUIRED SCREEN CAPTURES (7 groups + Extra Credit)**

Please insert screen captures in place of their corresponding ***<insert your screen capture here>*** placeholder

Make sure your screen captures are **CLEAR** and **READABLE!**

## **PART A - SCREEN CAPTURE # 1**

## Testing the hello.py file with **3** routes defined

( [**http://localhost:8080/hello**](http://localhost:8080/hello/) )

( [**http://localhost:8080/**](http://localhost:8080/hello/) )

( [**http://localhost:8080/hello/<YOUR NAME>**](http://localhost:8080/hello/%3cYOUR%20NAME%3eo) )

***<insert your 3 screen captures here>***

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## **PART B - SCREEN CAPTURE # 2**

## Verifying the creation of your **todo.db** (database file)

* .tables
* .schema
* select \* from todo;

***<insert your screen capture here>***

A computer screen shot of a black screen

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## **PART B - SCREEN CAPTURE # 3**

## Verify **todo\_list()** function displays **make\_table.tpl** file – displays items in **todo.db**

( [**http://localhost:8080/todo**](http://localhost:8080/todo) ) 🡨 **OR** you can use **‘/my\_todo\_list**’ route

***<insert your screen capture here>***

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## **PART B - SCREEN CAPTURE # 4**

## Verify **new\_item()** function displays **new\_task.tpl** entry form, allows you to **add** a new item, and displays items “The new task …. ID is #” message.

( [**http://localhost:8080/new**](http://localhost:8080/new) )

***<insert your 3 screen captures here>***

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## **PART B - SCREEN CAPTURE # 5**

## Verify **edit\_item()** function displays **edit\_task.tpl** form, allows you to **edit** ID = 2 item, displays “The item number 2 was successfully updated” message and displays all items to ***after*** the edit/update.

( [**http://localhost:8080/edit/2**](http://localhost:8080/edit/2) )

( [**http://localhost:8080/my\_todo\_list**](http://localhost:8080/my_todo_list) )

***<insert your 3 screen captures here>***

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## **PART B - SCREEN CAPTURE # 6**

## Verify **show\_item()** function displays item with **ID = 3** item

( [**http://localhost:8080/item3**](http://localhost:8080/item3) )

***<insert your screen capture here>***

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## **PART B - SCREEN CAPTURE # 7**

## Verify **help()** function displays **help.html** file, verify **show\_json ()** function displays item with **ID = 4** in JSON format, and verify **mistake404()** function displays “Sorry, this page does not exist!” message

( [**http://localhost:8080/help**](http://localhost:8080/help) )

( [**http://localhost:8080/json4**](http://localhost:8080/json4) )

( [**http://localhost:8080/badroute**](http://localhost:8080/badroute) )

***<insert your 3 screen captures here>***

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## **PART B – EXTRA CREDIT (10 points)**

## Verify **delete\_item()** function allows you to delete an item from the **todo.db**.

## Display the entire list of items **BEFORE** the delete, **delete** **the** **last item ID**, display the “The item ID # has been deleted message”, and display the entire list of items **AFTER** the delete – to prove it worked.

## In addition, try to delete a non-existent ID (**99**) – an error message should be generated.

( [**http://localhost:8080/my\_todo\_list**](http://localhost:8080/my_todo_list) )

( [**http://localhost:8080/delete5**](http://localhost:8080/delete54) ) 🡨 **or** last ID you added

( [**http://localhost:8080/my\_todo\_list**](http://localhost:8080/my_todo_list) )

( [**http://localhost:8080/delete99**](http://localhost:8080/delete99) ) 🡨 **try** to delete invalid ID

***<insert your 4 screen captures here>***

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