CISC 327 Assignment 3

Template Modifications

Cleared database before running tests, because otherwise tests that register emails will fail unexpectedly.

Failure Report

Test Name	What Was Being Tested	How The Output Was Wrong	Error	Fix
R1.2	The login page has a message that by default says 'Please login'	Test was not passed.	The text I was asserting in the test did not match the case of the actual text on the web page.	I ensured the case of the text I was asserting in the test matched the case of the text on the web page.
R1.3	If the user has logged in, redirect to the user profile page	Test was not passed.	The mock user password did not meet the specifications implemented in the previous assignment, so the test was not redirecting to the home page after logging in.	I changed the mock user password to meet the specifications implemented in the previous assignment.
R2.P.4.*	Valid usernames	Failed when name had spaces	Only checked if alphanum, forgot to check if space	Check if each char is alphanum OR space
R2.*	Any test related to registering	Database would not clear itself, leading to "new" emails to not be new anymore	DB would not be cleared after tests	Drop all in test fixture when starting tests
R1.*, R2.*	Anything	Sometime was	The redirect	Changed it to be

	related to login message	"Please login" other timens was "Please Login"	message was not the same as the login endpoint message	the same
R2.P.8	If the balance was set to 5000	Balance was a numeric not an integer which lead to annoying warnings	Balance was numeric not integer	Changed balance to integer
R2.P.8	If the balance was set to 5000	Did not display balance	Frontend endpoint did not pass balance variable	Set balance=user.balance
R3.5	The user profile page lists all available tickets	Failed when trying to look for ticket expiration date.	There was no expiration date element on index.html	Added the ticket expiration date in index.html.
R3.2	This page shows a 'Hi {}. format(user.name).	Failed test, user could not log in.	Password was not entered with correct format.	Changed password to have correct format.
R3.5	Checking the ticket dates are not expired	Failed test trying to compare two different data types.	Had the ticket input date initially set as a string.	Changed the input date to a datetime type.
R6.3e	Checking that purchasing 100 tickets passes checks	Page displayed "Insufficient Funds" instead of "Ticket Purchased"	The mock user did not have sufficient funds for the test case after factoring in tax + service fee	Made new mock user with more funds in balance
R5.2b	Checking that the empty string "" for name redirect with specific error message	Test did not pass	validate_ticket_name continued to check first and last character when it did not exist	Added condition to prevent checking first and last if the string is empty

R5.3b	Checking that negative update quantity shows correct error message	Test did not pass	Html form requirements (min, max, etc) prevented form from being submitted and the test to continue	Removed said requirements

Backend Unit Test

R1.2.1 - R1.2.3
Input partitioning:
Two variables: Email, Password
Partitions:

- Email is empty; password is empty
- Email is empty; password is not empty
- Email is not empty; password is empty
- Email is not empty; password is not empty