

Instructions

- **Pick one example from the below 3 Tests**
- Should be written using Java/Selenium WebDriver/Maven/Testng (Preferred) or any other open source Java based.
- Should adopt OOP and clean code practices
- Should be accompanied by best practice approach (Best Framework Approach)
- Should commit code to a public git repository (GitHub) under a public handle
- Use generic package names; don't reference Maersk or any other Maersk brand
Don't spend more than 2 to 3 hours.

Software Engineer in Test

The purpose of this test is to assess your suitability for the role of software engineer in test/SDET.

You should aim to complete the test to the same level of quality that you would expect to achieve if you were working as your live project.

The test should take no more than about 2 to 3 hours to complete. If you run out of time then please summarise what else you would have done had you had more time available.

Automation Test 1

[blazedemo](#) – Travel Agency

Brief

Please use the blazedemo website (<http://blazedemo.com/>) for the purposes of this test.

Travel The World home

Welcome to the Simple Travel Agency!

The is a sample site you can test with Blazemeter!
Check out our [destination of the week! The Beach!](#)

Choose your departure city:

Paris ▾

Choose your destination city:

Buenos Aires ▾

Find Flights

The website has a flight ticket booking functionality. Can book a flight as any other flight booking website by searching available flight using the source and destination and then finalising the booking by entering the passenger details.

You should create an automated test to verify that the booking functionality and verify the confirmation id.

Challenge: Identify all the possible test scenarios for the booking but automate only few priority scenario's (possible for you in 2- 3 hours) which are critical to be passed so that the software product can be deployed to the production.

Automation Test 2

[MercuryTour](#) – Travel Agency

Brief

Please use the Mercury Tour website (<http://newtours.demoaut.com/>) for the purposes of this test.



**MERCURY
TOURS**

- [Home](#)
- [Flights](#)
- [Hotels](#)
- [Car Rentals](#)
- [Cruises](#)
- [Destinations](#)
- [Vacations](#)

**HTML
VERSION**
[Use Java Version](#)

SAVINGS!
Rent A Car

CLICK HERE



one cool summer **ARUBA**

[SIGN-ON](#) [REGISTER](#) [SUPPORT](#) [CONTACT](#)

Jan 27, 2020

Featured Destination

ARUBA



This island is surrounded by coral reefs, offers guaranteed sunshine and is blessed with beautiful beaches. Luxury resorts have taken up residence along most of the beachfronts on the southern coast, but there are still undeveloped areas on the exposed northern coast, and much of the interior is inhabited by nothing more substantial than goats.

Specials

Atlanta to Las Vegas	\$398
Boston to San Francisco	\$513
Los Angeles to Chicago	\$168
New York to Chicago	\$198
Phoenix to San Francisco	\$213

Tour Tips

TIP #93 Always carry a travel first aid kit with bandages, antacids, aspirin, bee sting wipes, and other basic necessities.

Find A Flight

Registered users can **sign-in here** to find the lowest fare on participating airlines.

User

Name:

Password:

Sign-In

Destinations

 Find detailed information about [your destination](#).

Vacations

 Read about our [featured vacation destinations](#).

Register

 [Register here](#) to join Mercury Tours!

Links

[Business Travel @ About.com](#)
[Salon Travel](#)

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Website navigation guidance if required -

STEP 1: Complete the user registration.

STEP 2: Click on Flights button on the side menu

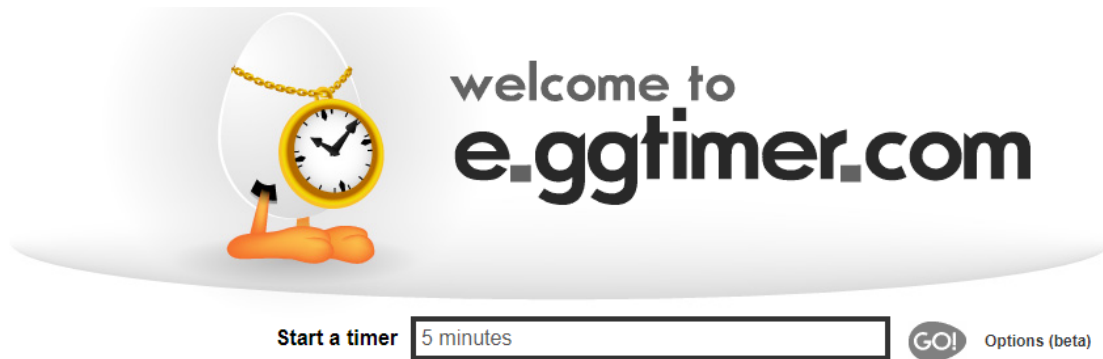
STEP 3: Enter the flight details, departure / return details and purchase the flight tickets by navigating through each section

Automation Test 3

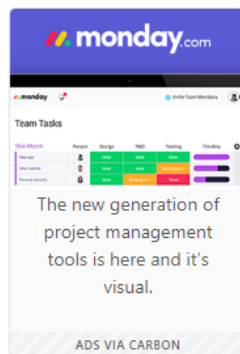
Countdown Timer

Brief

Please use the egg timer website (<http://e.ggtimer.com/>) for the purposes of this test.



Ad



Updates

Added SSL Support. (04/26/2018)
Fixed audio/alert issue. Thanks @sketchytechky (09/11/2017)
Experimenting with an ad. (2017)
Added query params for alert, sound, and volume. (2016)

A simple countdown timer.

Example usage:

<https://e.ggtimer.com/5minutes>
<https://e.ggtimer.com/1hour>
<https://e.ggtimer.com/30> (defaults to seconds)

Special Timers:

<https://e.ggtimer.com/pomodoro> (does one 25/5 minute cycle)
<https://e.ggtimer.com/morning> (can help get your blood pumping)
<https://e.ggtimer.com/brushsteeth> (for healthy teeth)
<https://e.ggtimer.com/tabata> (8 reps of 20/10 second intervals)

What's this then?

A project by **David LeMieux** and **Ben Lew** (they rhyme!)
Follow E.ggTimer on twitter for updates [@edotggtimer](#)

This website uses JavaScript. Sometimes Cookies for preferences.
Occasionally Flash.

The website has a countdown functionality. The countdown function should use the period specified on the home page as the start time and count down every second.

You should create an automated test to verify that the countdown actually happens and that the remaining time decreases in one-second increments.

Step 1: Please visit the site url and make sure the page load is complete; then enter 25 seconds and click on the Go button to start the counter.

Step 2: Wait for the counter to start counting down from the period specified in the home page and verify that the countdown is actually happening every second and that the remaining time decreases in one-second increments.

16 Seconds

API Testing: Space X

From the below git hub link

<https://github.com/r-spacex/SpaceX-API>, refer to the public API

GET <https://api.spacexdata.com/v4/launches/latest>.

Identify the scenario's that you would want to test and write the tests for critical top 3 scenarios.

Instruction

- Tool of choice will be: Postman (Preferably) / Rest Assured / Any other open source tools).
- Should commit code to a public git repository (GitHub) under a public handle