impledge technologies

QA Exercises – Automation/Postman/SQL

Contents

Exercise 1: Automation

Using the credentials provided, you must automate Test Case 01 and Test Case 02 as explained in this document. You should not use record and play but you can use any language e.g., Java / JavaScript / Python to do this automation in any tool of your choice e.g., Protractor / Selenium / Cypress.io

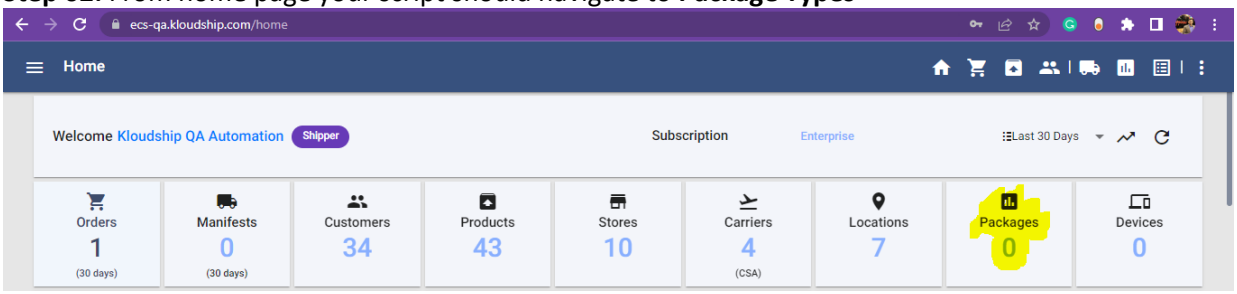
Credentials

We have activated your KloudShip test account with below given credentials: **URL**: https://ecspro-qa.kloudship.com **User**: kloudship.qa.automation@mailinator.com **Pass**: Password1

Automation Test 01: Add Package

Step 01: Your automation suite should be able to login to this application using the provided credentials

Step 02: From home page your script should navigate to **Package Types**



Step 03: Click on **Add Manually** button

Step 04: Add a package with

- Name = FirstName_LastName
- Dimensions = Random int less than 20

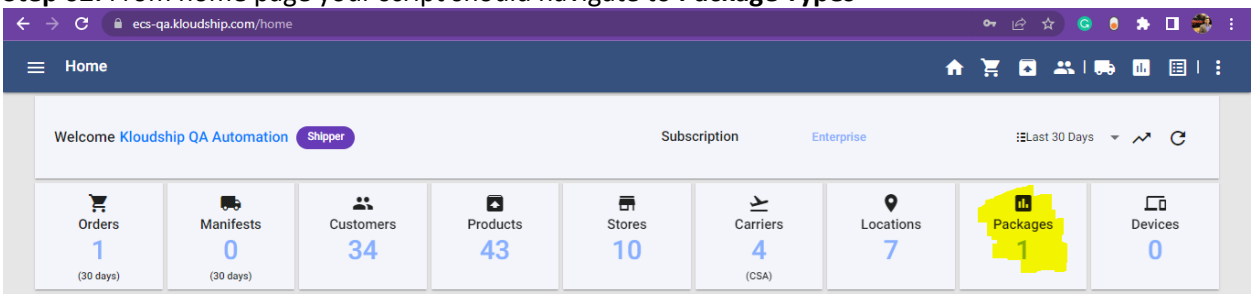
Step 06: Logout the application

Test Result: User should be able to see newly created package when they login to the application after execution of Test case 01.

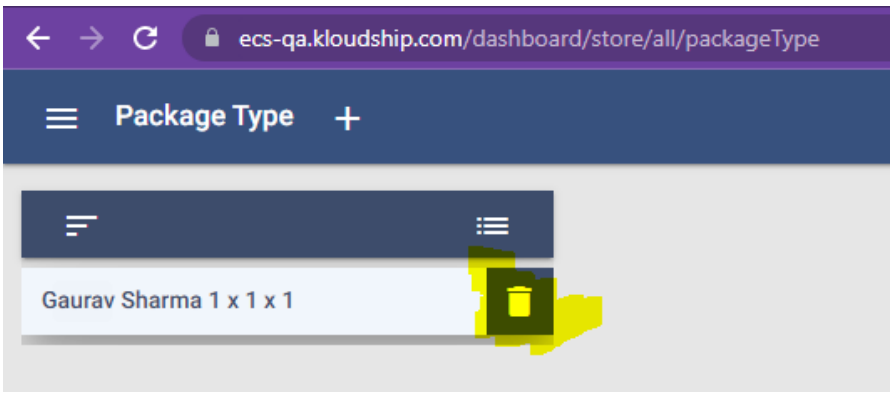
Automation Test 02: Delete Package

Step 01: Your automation suite should be able to login to this application using the provided credentials

Step 02: From home page your script should navigate to **Package Types**



Step 03: Delete the newly added package



Step 04: Logout the application

Test Result: User should not be able to see newly created package when they login to the application after execution of Test case 02.

Exercise 2: Postman

1. Import **Impledge_QA_Exercise.postman_collection.json** attached collection to Postman application
2. Rename the collection from **Impledge_QA_Exercise to Impledge_QA_YourFullName**
3. Refer documentation on EasyPost: https://www.easypost.com/docs/api for following exercises:

POSTMAN Test 01: Fix Failing Test Cases

- Fix the failing test cases in imported collection **Impledge_QA_Exercise.postman_collection.json**

POSTMAN Test 02: New Request – Get Shipment Details

- Add a new request to this collection to fetch details of ShipmentId: shp_e0b570fd1d7d4b62bd206917eae5881a

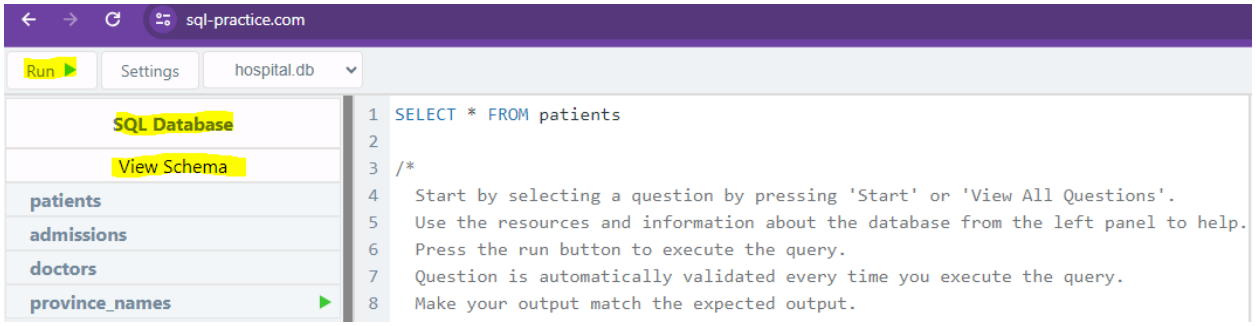
POSTMAN Test 03: Add Test Cases

To the request added in step 2, **add test cases** to:

- Verify that value of selected_rate. retail_rate is equals to 12
- Verify that retail_rate is greater than list_rate

Exercise 3: SQL

1. Open Chrome browser.
2. Go to https://www.sql-practice.com/
3. Click on SQL Database on left hand side and click on view schema to understand the relationship between patients, doctors, and admissions tables.



4. Include below given SELECT queries before you prepare your SELECT queries:
    - Update [Admissions] Set attending_doctor_id = 29 where attending_doctor_id = 3;
    - Update [Admissions] Set patient_id = 4 where patient_id = 35;

5. For the SELECT query to execute properly, execute the UPDATE queries and SELECT query together.

```
UPDATE [Admissions] SET attending_doctor_id = 29 WHERE attending_doctor_id = 3;
UPDATE [Admissions] SET patient_id = 4 WHERE patient_id = 35;
SELECT COUNT(*) FROM admissions WHERE attending_doctor_id = 3;
```

SQL Test 1**:** Now solve below given problems using SQL queries without using specific clauses for attending_doctor_id or patient_id e.g. attending_doctor_id!=1, patient_id=2, etc.:

- SELECT the details of Doctors(s) who has got Admissions.
- SELECT the details of Doctors(s) for whom there is no Admissions.
- SELECT the details of Patients(s) whose Admission can't be completed due to missing doctor details

Deliverables

Please reply to hr@impledge.com with:

GitHub / Google Drive URL

1. Exercise 1: Automation source code for Automation exercise
2. Exercise 2: **Impledge_QA_YourFullName.postman_collection.json** for Postman exercise
3. Exercise 3: **Impledge_QA_YourFullName.sql** file with queries for SQL exercise

ReadMe File

1. File with steps to execute your code, an overview of your program, including your design decisions, approach you took.
2. ReadMe shouldn't more than a few paragraphs in length.