

## Mini Project Problem Statement

Application under Test	Shopizer Application
Start Date	26 November 2021
End Date	-----
Final Expected Outcome	<ul style="list-style-type: none"><li>• Selenium scripts</li><li>• Logs, appropriate screenshots as applicable</li><li>• Follow scrum methodology.</li><li>• Use appropriate templates for Test Case writing, presentation, etc.</li><li>• Proper naming convention and all best Practices followed.</li><li>• Present the learnings, challenges faced, process followed, demo of script execution along with report generation.</li><li>• Record a Demo in video format along with the explanation.</li><li>• Logs using log4j</li><li>• Rest API Testing</li></ul>
Deliverable's location	<ul style="list-style-type: none"><li>• GitHub</li></ul>
POC	Mentors: Group1 – Varsha Bakshi Group2 – Sunil Bansal Technical help: Respective trainer
Team Members	Isha Agrawal, Chinmay Sawant, Avinee Nemade, Sakshi Yedatkar, Aditya Jadhav, Aditya Dhaygude, Divyansh Sen, Ayan Shaikh

**G****Problem Statement:**

- **Install Shopizer application and explore the AUT (Application under Test).**

Ref Link: <http://demo.shopizer.com:8080>

**GUI Automation** (using JUNIT5 / TestNG) –

- Identify 50 Test Cases from different modules.
- Identify the test cases to be automate.
- Using Maven as dependency and build management tool, we will create maven project.
- Use Selenium and java for automation.
- Use POM structure and data driven testing using csv/excel files.
- Use TestNG for defining tests.
- Log4j will be used for logging.
- Explore the RESTful API feature of the Application Under Test.
- Analyze on which resources should be tested
- Testing RESTful API feature of the Application using Postman.
- Make collection of requests along with proper validation.
- Based on request collection, reports will be generated.

**Unique Features: -**

- Testing mouse hover feature.
  - Verifying the discounted price.
  - Checking for broken links.
  - The product which is added recently is viewed at the top.
  - Verifying whether the page is translated from English to French and vice versa.
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