**PaySky Task**

### **Section 1: Mobile App Bug Hunting**

**Approach:**

1. **Install & Explore**: Install the Jumia app on a smartphone Iphone 12 (IOS version 18.3.1). Perform exploratory testing for 60 minutes, focusing on core functionalities like login, search, checkout, and navigation.
2. **Identify Bugs**: Look for UI/UX inconsistencies, crashes, slow responses or broken links.
3. **Attachments**: Capture screenshots and record screen.
4. **Report** :Note down the steps to reproduce each bug along with expected vs. actual results. Categorize bugs based on severity (Critical, High, Medium, Low) and Priority (High, Medium, Low) and document them in a bug report.

**Tools Used:**

* Native mobile device (IOS)
* Screen Recording & Screenshots

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### **Section 2: Web Automation**

**Approach:**

1. **Set Up Selenium WebDriver**: Use Selenium with Java to automate browser interactions..
2. **Automate User Flow:**
   * Launch browser and navigate to [Practice Software Testing](https://practicesoftwaretesting.com/).
   * Select a product, add it to the cart, and proceed to checkout.
   * Enter shipping and billing information dynamically from the data source.
   * Submit the order and validate the confirmation message.
3. **Assertions & Reporting**: Use assertions to verify successful checkout and log results.

**Tools Used:**

* **Selenium WebDriver** (for browser automation)
* **Java** (programming language)
* **TestNG** (for test execution and reporting)

### **Section 3: API Automation**

**Approach:**

1. **Create JSON:** Prepare a request body containing user details (name, job).
2. **Send API Request:** Use Postman to send a POST request to https://reqres.in/api/users.
3. **Validate Response:**
   * Ensure HTTP status code is 201 Created.
   * Verify that response contains id, name, and job fields.
4. **Automate & Run Assertions**: Use Postman tests to validate API responses.

**Tools Used:**

* **Postman** (for API testing & automation)