

Software User Manual

Table of Contents

1. Introduction
2. System Requirements
3. Installation Guide
4. Getting Started
5. Features Overview
6. User Interface Guide
7. How to Perform Tasks
 - Task 1
 - Task 2
8. Troubleshooting
9. FAQ
10. Contact Support

1. Introduction

This document outlines two significant projects aimed at improving user experiences in online services: **Project LUMA** and a **set of manual user stories** for software testing.

Project LUMA is an automation project designed to streamline the online shopping experience. It encompasses functionalities such as user registration, secure login, and product filtering, allowing users to easily navigate the platform. Key features include:

- **User Registration and Login:** Facilitates new customers in creating accounts and securely accessing their profiles.
- **Product Filtering:** Enables users to filter products by category, making it easier to find items that match their interests.

In parallel, a series of **manual user stories** have been tested to validate essential functionalities in various online services. These include:

1. **Product Filtering:** Users can filter products by category to find items that meet their preferences efficiently.
2. **Passport Application:** Citizens can apply for new passports online, simplifying the often cumbersome application process.
3. **Doctor Appointment Scheduling:** Patients can conveniently schedule appointments with their doctors online, eliminating the need for phone calls.

2. System Requirements

Here's a draft for the **System Requirements** section that addresses both **Project LUMA** and the manual user stories:

System Requirements

This section outlines the minimum and recommended hardware and software requirements for effectively running both **Project LUMA** and the associated **manual user stories**.

Project LUMA: Automation Testing

- **Operating System:** Windows 10 or later / macOS X 10.14 or later
- **Memory:** 8 GB RAM minimum, 16 GB recommended
- **Additional Requirements:**
 - Internet connection for accessing the application and updates
 - Browser: Latest versions of Chrome, Firefox, or Safari for optimal performance
 - Selenium WebDriver and dependencies installed for automation testing

Manual User Stories: Testing Environment

- **Operating System:** Windows 10 or later / macOS X 10.14 or later
- **Memory:** 4 GB RAM minimum, 8 GB recommended
- **Additional Requirements:**
 - Internet connection for accessing the websites being tested
 - Web browsers: Latest versions of Chrome, Firefox, or Safari for testing functionalities

3. Installation Guide

Installation Guide

This section provides step-by-step instructions for installing the software components for **Project LUMA** and the environment needed for executing the manual user stories.

For Project LUMA: Automation Testing

1. **Download Dependencies:**
 - Ensure you have **Java Development Kit (JDK)** installed.
 - Download the **Selenium WebDriver** for your preferred browser from the Selenium website.

- If using a build tool (like Maven), ensure it is installed and set up in your project.
- 2. **Open the Project:**
 - Open your Integrated Development Environment (IDE) (e.g., IntelliJ IDEA, Eclipse).
 - Import the project.
- 3. **Configure Environment Variables:**
 - Set the **JAVA_HOME** environment variable to point to your JDK installation.
- 4. **Build the Project:**
 - Use your IDE's build tools or terminal commands to build the project, ensuring all dependencies are resolved.
- 5. **Run the Automation Tests:**
 - Execute the test cases using your IDE or through the command line, depending on your setup.

For Manual User Stories: Testing Environment

1. **Download and Install Web Browsers:**
 - Ensure you have the latest versions of **Google Chrome**, **Mozilla Firefox**, or **Safari** installed.
2. **Prepare Test Documentation:**
 - Download or create the test plan and documentation that outlines the test cases for manual testing.
3. **Set Up Test Accounts:**
 - If necessary, create test accounts on the respective websites to be tested
4. **Access the Websites:**
 - Open the relevant websites in the installed web browsers to start manual testing.
5. **Verify Access and Functionality:**
 - Ensure all functionalities outlined in the user stories are accessible and working correctly.

4. Getting Started

This section helps users familiarize themselves with the basic setup after installation, including account creation and initial configuration for both **Project LUMA** and the **manual user stories**.

For Project LUMA

1. **Launch the Application:**
 - Open your web browser and navigate to the Project LUMA URL.
2. **Create a New Account:**
 - Click on the **"Create an Account"** button.
 - Fill in the required fields, including First Name, Last Name, Email, Password, and Confirm Password.
 - Submit the form to create your account.
3. **Log In:**
 - If you already have an account, click on the **"Sign In"** button.
 - Enter your registered email and password, then click **"Sign In"**.
4. **Configure User Preferences:**
 - Once logged in, navigate to your account settings.
 - Set your preferences, including language, notification settings, and any other available options.
5. **Start Exploring:**
 - Browse through the product categories and utilize the filtering features to find products that interest you.

For Manual User Stories

1. User Story: Filter Products by Category

- Open the product page.
- Test for category filtering and dynamic updates based on the selected filters.

2. User Story: Apply for a Passport Online

- Access the form, validate real-time error messages, and test for document uploads, progress saving, and confirmation emails.

3. User Story: Schedule a Doctor's Appointment

- Validate the calendar feature, booking, rescheduling, and notifications (email and SMS).

5. Features Overview

- Expanding test framework for API Testing.
- Integrating with Continuous Integration (CI/CD) pipelines.
- Next steps: Use Allure for advanced test reporting.
- Integrations: Connect with third-party tools like Slack, Google Calendar, and Trello.

6. User Interface Guide

This section provides a visual guide to the user interface of **Project LUMA** and the manual user stories, including explanations of the key buttons, menus, and icons.

Project LUMA Interface

- **Main Menu:** Access essential sections such as **Home**, **Products**, **My Account**, and **Help**. This menu is typically located at the top of the screen for easy navigation.
- **Product Filter Sidebar:** Quickly filter products by categories, such as **Electronics**, **Clothing**, or **Home Goods**. Users can select multiple categories to refine their search results.
- **Search Bar:** Located at the top right, allowing users to search for specific products by entering keywords.
- **Shopping Cart Icon:** Easily accessible icon that displays the number of items in the cart and redirects users to the checkout process when clicked.
- **User Profile Icon:** Displays account settings, order history, and logout options. Users can click on it to manage their profiles.

Manual User Stories Interface

- **Homepage:** The landing page where users can access services such as **Passport Applications**, **Appointment Scheduling**, and **Product Filtering**.
- **Form Fields:** For tasks like passport applications, users will encounter labeled input fields for personal information, contact details, and document uploads.
- **Submit Button:** A prominent button at the bottom of forms to submit information. It will typically be labeled **"Submit"** or **"Apply"**.
- **Status Notifications:** Visible areas on the interface that provide feedback on the success or failure of actions taken, such as form submissions or appointment bookings.
- **Navigation Links:** Links at the bottom of pages that direct users to **FAQs**, **Contact Us**, and **Terms & Conditions** for additional information.

7. How to Perform Tasks

This section provides step-by-step instructions for performing common tasks within **Project LUMA** and **the manual user stories**.

Task 1: Creating a New Account

1. Open the application and click on the **“Create an Account”** button on the homepage.
2. Fill in the required fields: First Name, Last Name, Email, Password, and Confirm Password.
3. Review the terms and conditions, if applicable.
4. Click **“Create Account”** to complete the registration process.

Task 2: Logging In

1. Open the application and click on the **“Sign In”** button.
2. Enter your registered email and password in the respective fields.
3. Click **“Sign In”** to access your account.

Task 3: Filtering Products

1. Navigate to the homepage and locate the **Product Filter Sidebar**.
2. Select one or more categories by checking the corresponding boxes.
3. The product list will update automatically to show only items within the selected categories.

Task 4: Applying for a Passport Online

1. From the homepage, click on **“Apply for a Passport”**.
2. Fill out the passport application form, including personal information, contact details, and necessary document uploads.
3. Review the information for accuracy.
4. Click **“Submit”** to send your application.

Task 5: Scheduling an Appointment

1. Access the **Appointment Scheduling** section from the homepage.
2. Choose your preferred date and time from the calendar view.
3. Enter any additional details required for the appointment.
4. Click **“Book Appointment”** to confirm.

8. Troubleshooting

This section provides solutions for common issues or errors users might encounter while using **Project LUMA** and the manual user stories.

Issue 1: The Application is Not Launching

- **Solution:** Ensure that your system meets the minimum requirements for the software. Check for any pending updates or restart your computer. If the issue persists, try reinstalling the application.

Issue 2: Unable to Create an Account

- **Solution:** Verify that all required fields are filled out correctly. Ensure that the email format is valid and that the password meets the specified criteria. If you continue to have issues, check for existing accounts with the same email address.

Issue 3: Login Credentials are Not Accepted

- **Solution:** Double-check your email and password for typos. If you've forgotten your password, use the **"Forgot Password?"** link to reset it. Ensure that cookies and JavaScript are enabled in your browser settings.

Issue 4: Product Filtering is Not Working

- **Solution:** Ensure that you have selected at least one category in the **Product Filter Sidebar**. If the list does not update, try refreshing the page or clearing your browser's cache.

Issue 5: Error Submitting the Passport Application

- **Solution:** Check for any required fields that may have been left blank. Ensure that all uploaded documents are in the correct format (e.g., PDF) and meet the size requirements. If the problem persists, try submitting the form again after clearing your browser's cache.

Issue 6: Appointment Scheduling Error

- **Solution:** Ensure you are selecting a valid date and time from the calendar view. If the system does not allow you to book an appointment, check if there are any existing appointments for that time or contact support for assistance.

9. FAQ

This section includes frequently asked questions that users might have about **Project LUMA** and **the manual user stories**.

Q: What should I do if I can't access my account?

A: Ensure that you are using the correct email and password. If you are still unable to log in, use the **“Forgot Password”** option to reset your credentials.

Q: How can I check the status of my passport application?

A: Use the reference number provided in your confirmation email to check the status of your application on the designated government website.

Q: Is my payment information secure when applying for services online?

A: Yes, the application uses encryption and secure protocols to protect your payment information during transactions.

10. Contact Support

For any further assistance, contact our support team:

- Email: mahmodyasser391@gmail.com / muhamad.wageeh@gmail.com

- Phone: +201119704715 / +20 1067098037