

Scenario ID	UC001 (MOHAMMAD RAFI ZARKA)
Scenario name	User Registration
Primary actor	User
Preconditions	Login is done through the platform's Luxelane link, after which the login screen appears
Postconditions	The user should be successfully registered, and a new account should be created in the database.
Main success scenario	
<ol style="list-style-type: none"> 1. The user visits the Luxelane website and clicks on the "Register" button on the homepage. 2. The website presents a registration form to the user, including fields such as name, email address, password, and any additional required information. 3. The user fills in the necessary details and submits the form. 4. The website validates the user's input, ensuring that all required fields are filled correctly and that the email address is unique. 5. If the validation is successful, the website creates a new user account and stores the user's information in the database. 6. A confirmation message is displayed to the user, indicating that the registration was successful. 	
Extentions	
<p>1a Email Confirmation:</p> <ol style="list-style-type: none"> 1. After user registration, a confirmation link is sent to the provided email address. 2. The user needs to click on the link to verify the email's validity. 3. The user's account is activated after successful confirmation. <p>2a: The website presents a registration:</p> <ol style="list-style-type: none"> 1. Additional fields like phone number, date of birth, or address can be included to gather more user information. <p>3a: The user fills</p> <ol style="list-style-type: none"> 1. The form can include client-side validation to provide real-time feedback on the input, such as validating email format or password strength. 	

4a: The website validates

1. Server-side validation should be performed to verify the correctness of the submitted data and prevent any malicious activity.

Scenario ID	UC002 (MOHAMMAD RAFI ZARKA)
Scenario name	User Login
Primary actor	User
Preconditions	The user has already registered an account on the Luxelane website.
Postconditions	The user is successfully authenticated and granted access to their account.
Main success scenario	
<ol style="list-style-type: none">1. Once registered, the user can access the Luxelane website by clicking on the "Login" button on the homepage.2. The website presents a login form to the user, prompting them to enter their email address and password.3. The user enters their login credentials and submits the form.4. The website verifies the provided credentials against the stored user data in the database.5. If the credentials are valid, the website authenticates the user and grants access to their account.6. The user is redirected to their personalized dashboard or the homepage.	
Extentions	
3a: Social Media Login <ol style="list-style-type: none">1. The website offers the option to log in using social media accounts such as Facebook or Twitter.2. Users can click on "Login with Facebook" or "Login with Twitter" buttons to access their accounts.3. User information is retrieved from the social media account, and the login is successful.	

6a: The user is redirected to their personalized dashboard or the homepage.

1. The website displays personalized recommendations or notifications to the user based on their previous activities or preferences upon successful login, enhancing the user experience and engagement.

Scenario ID	UC003(MOHAMMAD RAFI ZARKA)
Scenario name	Integrating Google Sign-In
Primary actor	User
Preconditions	The application has a user authentication system in place.
Postconditions	The user can sign in to the application using their Google account.
Main success scenario	
<ol style="list-style-type: none"> 1. The Luxelane website offers the option for users to sign in using their Google accounts. 2. On the login page, the website provides a "Sign in with Google" button. 3. When the user clicks on the button, the website initiates the Google Sign-In process. 4. The user is redirected to the Google Sign-In page, where they can choose their Google account or enter their credentials. 5. After the user successfully signs in with Google, the website receives an authentication token from Google. 6. The website verifies the authenticity of the token and links it with the user's Luxelane account, if one exists. 7. The user is granted access to their account using Google Sign-In. 	

Extentions

1a: The Luxelane website implements additional security measures, such as using HTTPS and employing anti-forgery tokens, to ensure the integrity and confidentiality of the Google Sign-In process.

1b: The website provides a fallback option for users who do not wish to sign in with Google, allowing them to use alternative authentication methods, such as email and password.

1c: To enhance the user experience, the website utilizes client-side JavaScript to dynamically load the Google Sign-In button and initiate the authentication process without requiring a page refresh.

Scenario ID	UC004 (MOHAMMAD RAFI ZARKA)
Scenario name	History and Tracking Orders
Primary actor	users
Preconditions	The website or platform has implemented a secure login and authentication system to ensure that only authorized users can access their order history.

Postconditions	The user can track the progress of each order, including updates on shipping, delivery, or any other relevant order status changes.
Main success scenario	
<ol style="list-style-type: none"> 1. Once logged in, the Luxelane website provides a section within the user's dashboard to view order history and track current orders. 2. The website retrieves the user's order data from the database based on their account information. 3. The order history page displays a list of previous orders, including details such as order number, items purchased, date, and status. 4. The user can select a specific order to view more detailed information, such as shipping address, payment method, and tracking number. 5. If available, the website integrates with a shipping service provider's API to fetch real-time tracking updates and display them to the user. 6. The user can also receive email or SMS notifications regarding any changes in their order status. 	
Extentions	
<p>2a: The Luxelane website enhances the order history page by including additional information, such as order total, shipping method, and estimated delivery date, providing users with a comprehensive overview of their past orders.</p> <p>3b: Within the order history page, the website offers a filter option that allows users to narrow down their order list based on specific criteria, such as date range, order status, or product category, making it easier to locate desired orders.</p> <p>1a: The order history page provides a "Reorder" button next to each past order, enabling users to quickly add previously purchased items to their cart and proceed with a new order.</p>	

Scenario ID	UC005(MOHAMMAD RAFI ZARKA)
Scenario name	Update Profile Data
Primary actor	User
Preconditions	The application has a user authentication system in place.
Postconditions	The user can sign in to the application using their Google account.
Main success scenario	
<ol style="list-style-type: none"> 1. User logs into their Luxelane account. 2. User navigates to the profile settings or account management section within their account dashboard. 3. The website displays the user's current profile data, such as name, email address, and contact information. 4. User can edit the displayed fields and update their profile information as desired. 5. The website validates the updated data, checking for errors or missing required fields. 6. If the data is valid, the website updates the user's profile information in the database. 7. The website confirms the successful update and displays a notification to the user. 	
Extentions:	
<p>1a: The website provides a password change functionality within the profile settings, allowing users to update their account password securely.</p> <p>1b: Users can choose to enable two-factor authentication (2FA) for their Luxelane account, adding an extra layer of security by requiring a verification code in addition to their password for login.</p> <p>1c: Luxelane implements data encryption and secure transmission protocols (e.g., HTTPS) to protect user profile data during transmission between the user's device and the website's servers.</p>	

Scenario ID	UC006 (MOHAMMAD RAFI ZARKA)
Scenario name	Payment Cards
Primary actor	User
Preconditions	The user has provided accurate and valid payment card details, including card number, expiration date, and CVV/CVC code.
Postconditions	The payment card management section displays the payment card details, including cardholder name, masked card number, and expiration date.
Main success scenario	
<ol style="list-style-type: none"> 1. Within the user's account settings or checkout process, the Luxelane website allows users to manage their payment cards. 2. The website provides a form where users can enter their card details, including card number, expiration date, and security code. 3. The website validates the card information, ensuring it meets the required format and performs basic sanity checks. 4. If the validation is successful, the website securely stores the card details in the database, associating them with the user's account. 5. The user can add, remove, or update their payment cards as needed. 6. During the checkout process, the user can select a saved payment card for convenience, and the website securely processes the payment using a payment gateway. 	

Extentions

3a. The website provides.

1. Within the user's account settings or payment card management section, the Luxelane website provides an option for users to set a preferred payment card for automatic selection during the checkout process.
2. The website offers a feature to verify the validity of the entered payment card information in real-time by integrating with a card verification service.

5a. During the checkout process.

1. Luxelane integrates with popular digital wallet services, such as Apple Pay or Google Pay, allowing users to link their digital wallet accounts to their Luxelane account.
2. The website provides an option for users to schedule automatic payments for recurring orders or subscription services.

6a. checkout.

1. The website offers a feature to allow users to export their payment card data in a secure format.
2. Luxelane provides a seamless integration with popular accounting software or personal finance management tools.

