

Usecases

Use Case ID	UC-001
Use Case Name	Guest User Places an Order
Primary Actor	Guest User
Stakeholders	<ul style="list-style-type: none">- Guest User: Wants to browse and order items without creating an account.- Malhalla Webshop: Wants to provide a smooth order process for guest users.- Payment Provider: Needs to securely process payments.
Preconditions	<ul style="list-style-type: none">- Guest user is not logged in.- The product is available for purchase.
Postconditions	<ul style="list-style-type: none">- Order is successfully placed and confirmed.- Payment is processed.- Order is recorded in the backend (even for guest users).
Main Flow	<ol style="list-style-type: none">1. User Visits the Webshop: Guest user navigates to the Malhalla webshop.2. Browse Products: Guest user browses products.3. Product Details Page: Guest user views information about a product.4. Proceed to Checkout: Guest user navigates to the checkout.5. Enter Delivery Information: Guest user enters required personal information.6. Choose Payment Method: Guest user selects payment method.7. Enter Payment Information: Guest user enters payment details.8. Review and Confirm Order: Guest user confirms the order summary.9. Order Confirmation: System processes the payment and confirms the order.10. End Process: Guest user is returned to homepage or another relevant page.
Alternative Flow	<ul style="list-style-type: none">- Terminate Order Process: Guest user stops the order process.
Exceptions	<ul style="list-style-type: none">- Invalid Payment Details: Guest user is notified of payment failure and prompted to retry or choose another method.

	- Invalid Delivery Information: Guest user enters required personal information.
Special Requirements	- No account creation required - Secure Payment: Secure payment processing with SSL encryption. - GDPR Compliance

Use Case ID	UC-002
Use Case Name	Guest User Searches for a Product
Primary Actor	Guest User
Stakeholders	- Guest User: Wants to find products quickly by typing in the search bar. - Malhalla Webshop: Wants to provide a fast and user-friendly search experience.
Preconditions	- The user is on the Malhalla webshop . - The search bar is visible on the page.
Postconditions	- The search results are dynamically updated in real-time as the user types in the search bar. - Relevant products are displayed based on the search query.
Main Flow	1. User Visits the Webshop: The guest user navigates to the Malhalla webshop . 2. Locate Search Bar: Guest user finds the search bar on the page. 3. Type Search Query: Guest user begins typing a product name or keyword in the search bar. 4. Search Results Update Dynamically: As the user types, the search bar automatically sends requests to the server, and relevant search results are displayed in real-time. 5. User Selects a Product: The guest user selects a product from the search suggestions. 6. Product Details Page: The system redirects the user to the product detail page for the selected item. 7. End Process: The user can continue browsing or buy the product.
Alternative Flow	- User Clears Search Text: If the user clears the search text, the search results

	<p>disappear, and the search bar reverts to its initial state.</p> <ul style="list-style-type: none"> - No Results Found: If the search query doesn't match any products, the system informs the user that there are no products found.
Exceptions	<ul style="list-style-type: none"> - Search Service Down: If the search service is down notify the user the search engine is down, or consider building a backup search which is less advanced.
Special Requirements	<ul style="list-style-type: none"> - Live Search Functionality: The search results must update dynamically as the user types, without needing to reload the page. - Search Optimization: The search system should be optimized to provide relevant results quickly, even with large product catalogs. - Responsive Design: The search feature should be functional and easy to locate.