

# Habesha-Online Shopping: Use Case Descriptions

Customer Use Cases – Main Flows		
Use Case Number: 1		
Name	Create Account	
Brief Description	Allows customer to create account for shopping online	
Actors	Customer	
Preconditions		
Customer needs to have an email address		
Flow of Events:		
Step	User Actions	System Actions
1.	Customer choose signup option	System displays signup form with fields like first name, last name, email, password, mailing address, shipping address, payment information
2.	Customer fills up the form and submit it	System validates all fields and provided there is no another account with the same email address, it creates the account and returns success message
Postconditions		
Account information is persisted to database		
Business Rules		
No duplicate customer accounts. An account is unique identified by email address.		
Use Case Number: 2		
Name	Update Account Information	
Brief Description	Allows customer to update account information	
Actors	Customer	
Preconditions		
Customer must login into the system		
Flow of Events:		
Step	User Actions	System Actions
1.	Customer selects update account information option	System displays account update form
2.	Customer edit the necessary fields and save the update	System validates updated fields and update account information
Postconditions		
Customer account information will be updated in database		
Business Rules		
Email field should be uneditable		

Use Case Number: 3		
Name	Customer Login	
Brief Description	Allows customer to login in to the system to shop online	
Actors	Customer	
Preconditions		
Customer must have an account		
Flow of Events:		
Step	User Actions	System Actions
1.	Customer types in username and password into login page	System checks validity of username and password, presents customer with various products on another screen
Postconditions		
Customer session must be tracked		
Business Rules		
A shopping cart should be crated for the customer		
Use Case Number: 4		
Name	Checkout	
Brief Description	Allows customer to place his order	
Actors	Customer	
Preconditions		
There must be at least one item in the cart		
Flow of Events:		
Step	User Actions	System Actions
1.	Customer choose checkout option	System displays summary of the order
2.	Customer confirms the order	System persist order details and displays confirmation to customer
Postconditions		
Order details should be persisted to database		
Business Rules		
Individual order must have a unique tracking number		
Use Case Number: 5		
Name	Search Item	
Brief Description	Finding items online	
Actors	Customer	
Preconditions		
No preconditions for this use case		
Flow of Events:		
Step	User Actions	System Actions
1.	Customer search item with no restriction for logging to the system. Search the item based on category or by entering a few words into the search box.	If searched from search box, the system we'll show matching results or if searched by category display similar result.

Postconditions		
Business Rules		
Use Case Number: 6		
Name	Add item to Cart	
Brief Description	Adding the selected item to Cart	
Actors	Customer	
Preconditions		
No preconditions for this use case		
Flow of Events:		
Step	User Actions	System Actions
1.	Customer select the item	The system will show specific information of the item.
2.	Customer add the item to the cart	The system will display confirmation message
Postconditions		
Customer cannot proceed to checkout if the item in the cart is empty		
Business Rules		
Customer have no restriction on adding items		
Use Case Number: 7		
Name	Edit Cart	
Brief Description	Edit the Quantities of the items in the checkout	
Actors	Customer	
Preconditions		
The Cart must have at least one item in the cart.		
Flow of Events:		
Step	User Actions	System Actions
1.	Customer selects edit option	System displays items in card in editable mode
2.	Customer edit the quantities of the items	The system updates the database
Postconditions		
The Customer cannot set quantities to less than one		
Business Rules		

Seller Use Cases – Main Flows		
Use Case Number: 1		
Name	Add item	
Brief Description	Allows seller to add item to catalog	
Actors	Seller	
Preconditions		
No preconditions for this use case		
Flow of Events:		
Step	User Actions	System Actions
1.	Seller choose signup option	System displays signup form with fields like Seller name, Seller Id, email, password, phone no, mailing address, payment information
2.	Seller fills up the form and submit it	System validates all information,
3.	Seller view the catalog list and request to add item	System checks the item to be add and added to the Catalog list
Postconditions		
Business Rules		
No duplicate seller profiles. A unique profile is identified by email address.		
Use Case Number: 2		
Name	Edit Catalog	
Brief Description	Allows seller to edit catalog like remove item and update item quantity	
Actors	Seller	
Preconditions		
No preconditions for this use case		
Flow of Events:		
Step	User Actions	System Actions
1.	Seller choose signup option	System displays signup form with fields like Sellers name, Seller Id, email, password, phone no, mailing address, payment information
2.	Seller fills up the form and submit it	System validates all information,
3.	Seller view the Catalog list and request to edit catalog	System checks the request; catalog list and display edit form
4	Seller fill the edit form and submit it	System checks the edited form.
Postconditions		
Business Rules		
No duplicate seller profiles. A unique profile is identified by email address.		

Admin Use Cases – Main Flows		
Use Case Number: 1		
Name	Create Seller Account	
Brief Description	This use case allows the admin to create profiles for Sellers	
Actors	Admin	
Preconditions		
The admin must login to the system		
Flow of Events:		
Step	User Actions	System Actions
1.	Admin select create seller profile button.	System displays signup form with fields like Seller ID, Seller name, email, password, phone number, mailing address, shipping address, payment information.
2.	Admin fills up the form and submit it	System validates all information, then verifies that there’s no other profile in the database with the same ID and email address and saves the Seller and returns the success message on success or a fail message in case of failure. In case another profile exists with the email address, the system returns the message indicating a duplicate entry exists.
3.		
Postconditions		
The Seller profile is persisted in the system		
Business Rules		
No duplicate seller profiles. A unique profile is identified by ID or email address.		
Use Case Number: 2		
Name	Update Seller Information	
Brief Description	This use case allows the admin to update profiles for Sellers	
Actors	Admin	
Preconditions		
The admin must login to the system		
Flow of Events:		
Step	User Actions	System Actions
1.	Admin selects update seller profile button.	System displays seller info with all fields to update

2.	Admin Edit the information and submit it	System validates all information and verify with existing accounts and then save to Database.
Postconditions		
The Seller profile is persisted in the system		
Business Rules		
No duplicate seller profiles. A unique profile is identified by seller ID and email address.		
Use Case Number: 3		
Name	Delete Seller Account	
Brief Description	This use case allows the admin to Delete profiles for Sellers	
Actors	Admin	
Preconditions		
The admin must login to the system		
Flow of Events:		
Step	User Actions	System Actions
1.	Admin selects delete seller profile button.	System displays seller info with all fields to view
2.	Admin selects delete account	System removes seller information from Database.
Postconditions		
The Seller profile is persisted in the system		
Business Rules		
No seller with that specific seller ID exists in the Database		
Use Case Number: 4		
Name	Create Catalog	
Brief Description	This use case allows the admin to create Catalog for products	
Actors	Admin	
Preconditions		
The admin must login to the system		
Flow of Events:		
Step	User Actions	System Actions
1.	Admin select create catalog profile button.	System displays form with fields like catalog ID and Catalog name
2.	Admin fills up the form and submit it	System validates all information, then verifies that there's no other profile in the database with the same catalog ID and name then saves the catalog.
3.		
Postconditions		
The catalog profile is persisted in the system		
Business Rules		
No duplicate catalog profiles. A unique profile is identified by catalog ID or catalog name		
Use Case Number: 5		
Name	Delete customer	
Brief Description	This use case allows the admin to Delete profiles for Sellers	
Actors	Admin	

Preconditions		
The admin must login to the system		
Flow of Events:		
Step	User Actions	System Actions
1.	Admin selects delete customer profile button.	System displays customer info with all fields to view
2.	Admin selects delete account	System removes customer information from Database.
Postconditions		
The Customer profile is persisted in the system		
Business Rules		
No customer with that specific email exists in the Database		