

## Team Delta - Ecommerce Website

Target release	
Epic	
Document status	DRAFT
Document owner	@ Ajinkya @ Vatsal
Designer	
Tech lead	
Technical writers	
QA	@ gaurav7557

### Objective

Develop a responsive e-commerce site using React-js where users can Sign in/Signup, browse products, and place orders.

### Success metrics

Goal	Metric
Responsive	User experience score
Optimized Performance	Google page insights score should be > 80
User likely UI	User interviews / feedbacks

### Assumptions

Products and categories will be directly added to the database.

### Milestones

### Requirements

	MVP Requirements	User Story	Priority	Notes
1	Signup / Login	As a new user to the site I should be able to register my self As a returning user I should be able to login to my account		
2	User Profile	As a user i should be able to add/update/delete my profile details (Address /communications)		
3	Home Page	As a user, I should have a page where I can navigate and browse content on website		
4	Category Functionality	As a user I want to see all available categories on website so that I can view products according to categories		
5	Searching of products	As a user I want to find a particular products as per my requirement		
6	Product Page	As a user I want to see details of a product and perform product-specific actions		
7	Cart Functionality	As a user I want to buy multiple products or save products for future purpose		
8	Place Order	As a user I want to place order (direct or from the cart)		
9	Mobile devices accessibility	As a user I want to access website from my mobile/tablet/desktop devices		

10	Order Management	As a user I want to see my order history and view details/ perform action related to my order		
11	logout	As a user I want to logout my account		
12	Reset password	As a user I want to reset my password in case I lost it		

	MVP Requirements	MVP Requirements In Detail
1	Signup / Login	<ul style="list-style-type: none"> <li>User can signup on the website using Google/Facebook or manual signup.</li> <li>In Manual signup user will have to enter his Name, email address, and password.</li> <li>Flow for login/signup : Homepage Login/SignUp Homepage</li> <li>User can login using Google/Facebook or using his email and password</li> <li>On login page user will also get an option of forgot password</li> <li>Login/Signup option in Header</li> <li>On user login move cart items added in logged of state to user cart in DB</li> <li><b>LOW PRIORITY</b></li> <li>Make changes in Header (show and hide of buttons ex(login/ user profile etc))</li> </ul>
2	User Profile	<ul style="list-style-type: none"> <li>On user profile page user can perform CRUD operation on following: <ul style="list-style-type: none"> <li>Name</li> <li>Email</li> <li>Password</li> <li>Address</li> <li>Phone No</li> <li>Gender</li> </ul> </li> <li>User profile option in header</li> </ul>
3	Homepage	<p>Homepage of website will consist of below section</p> <ul style="list-style-type: none"> <li>Main offer slider</li> <li>Trending products (based on product views)</li> <li>Selected categories with some of their products</li> </ul>
4	Category Functionality	<p>Category functionality will have following features:</p> <ul style="list-style-type: none"> <li>2 level hierarchy for category</li> <li>Level 1 category page <b>LOW PRIORITY</b> <ul style="list-style-type: none"> <li>Will consist main category slider or image and all its sub category with some of their products</li> </ul> </li> <li>Category view in Header</li> <li>Category wise product view</li> </ul>
5	Searching of products	<ul style="list-style-type: none"> <li>Search bar in header</li> <li>Main product search page</li> </ul>
6	Product Page	<p>Product page will have following items/information</p> <ul style="list-style-type: none"> <li>Product Multiple Images</li> <li>Name, Price, Discount, Description, Seller Name</li> <li>Rating, OOS <b>LOW PRIORITY</b></li> <li>Category</li> <li>Variants</li> <li>Buy Now, Add to wishlist and Add to card option</li> </ul> <p><b>Points to Consider:-</b></p> <ol style="list-style-type: none"> <li>If user is not logged in and click on buy now / add wishlist , then redirect user to login</li> <li>Increase product view count on user visit</li> </ol>

7	Cart Functionality	<ul style="list-style-type: none"> <li>• Cart Page</li> <li>• CRD operation on cart page</li> <li>• Add product to cart from various pages (search, category etc)</li> <li>• Update cart no in header <b>LOW PRIORITY</b></li> <li>• Add product to cart when user is not logged in <b>LOW PRIORITY</b></li> </ul>
8	Place Order	<ul style="list-style-type: none"> <li>• Order page <ul style="list-style-type: none"> <li>• Address Details</li> <li>• Order Summary</li> <li>• Payment Details</li> </ul> </li> </ul> <p><b>Points To Consider:</b></p> <ol style="list-style-type: none"> <li>1. Order page can be accessed from product buy now button or from cart</li> <li>2. If user address and payment details are not filled then ask user to fill these details in this page</li> </ol>
9	Mobile devices accessibility	<ul style="list-style-type: none"> <li>• Different design mockups for all three devices</li> </ul>
10	Order Management	<ul style="list-style-type: none"> <li>• Order History Page <ul style="list-style-type: none"> <li>• Previous order Details <ul style="list-style-type: none"> <li>• Product basic details</li> <li>• Address</li> <li>• Order Delivery Status</li> </ul> </li> </ul> </li> </ul>
11	Logout	<ul style="list-style-type: none"> <li>• Options in Header</li> <li>• Changes in header after user is logged out (profile / cart)</li> <li>• show success message and redirect user to homepage</li> </ul>
12	Reset Password	<ul style="list-style-type: none"> <li>• Reset password option at the time of login</li> <li>• Reset password confirmation message</li> </ul>

	Bonus Requirements	User Story	Priority	Notes
1	Payment gateway Integration / COD	As a user I want to pay for my order through various payment methods	<b>HIGH</b>	
2	Default Payment Functionality	As a user for faster checkout I would like to save my card / payment details	<b>LOW</b>	
3	Wishlist	As a user I want a wish list where I can save products that I want to buy in future or products I like	<b>HIGH</b>	
4	Automated Testing	As a developer i would want that my product is bug free	<b>MEDIUM</b>	
5	Action triggered mails / sms	As a user I would like to receive mails /sms regarding my order status	<b>LOW</b>	
6	Contact us page	As a user I would like to contact website team , in case I am facing any issue with the website	<b>MEDIUM</b>	
7	Multi Language Support	As a foreign user I would like to access website in my local language	<b>LOW</b>	
8	Filtering and Sorting in Search	As a user I would like to filter and sort my product search results	<b>LOW</b>	
9	Relevant product suggestions	As a user I would like to view similar products on single product view page	<b>LOW</b>	
10	Review for products	As a user I would like to give and view reviews for products	<b>LOW</b>	
11	Customer support chat bot	As a user I would like to solve my queries with the help of chat bot	<b>LOW</b>	
12	Breadcrumbs	As a user while navigating through category I would like to see my exact flow	<b>LOW</b>	
13	Cart functionality for logged out user	As a user i want to add products in card before login	<b>HIGH</b>	

## User interaction and design

### Open Questions

Question	Answer	Date Answered

### Out of Scope

- Admin Dashboard
- Seller Account