

## **Ecommerce Application using Agile Methodology**

### **Product Owner: - JSW Pvt. Ltd.**

The Product Owner is one who runs the product from a business perspective.

### **Scrum Master: - Shreesh Dutta Bajpai**

They work with the organization to track the progress and processes of the company.

### **Sprints: - 3 Phases of Development**

Sprint members:-

1. Product Owner - 1
2. Scrum Master - 1
3. Developers - 8
4. Tester - 3
5. Operation Staff - 3
6. Security and Integration Staff -2

#### **Sprint 1: -**

- Verify User can sign up
- Verify User can Log in
- Verify User modify his profile and update records
- Verify user can choose location/address to deliver order
- Verify user can change country region

Start Date: - 10/08/2022

End Date: - 22/08/2022

#### **Sprint 2: -**

- Verify user can change the language as per the requirement
- Verify User can search the required product
- Verify user can sort the items as per the sorting categories
- Verify user can apply filters to search the product
- Verify different categories have significant products enlisted

Start Date: - 24/08/2022

End Date: - 05/09/2022

**Sprint 3: -**

- Verify User can add product to cart
- Verify Cart Items
- Verify user can add cards and wallets
- Verify user can pay successfully to buy a product
- Verify user can view orders
- Verify user can track orders

Start Date: - 05/09/2022

End Date: - 25/09/2022

**Product Backlog: -**

Start and end date	Primary task	Secondary task
Primary: Start Date: 10/08/2022 End date: 21/08/2022	<ul style="list-style-type: none"><li>• Sign up and Login Page</li><li>• Profile Page and Products enlistment category wise</li><li>• Feedback and Support Page</li></ul>	<ul style="list-style-type: none"><li>• Modification in Profile</li><li>• Sorting by categories</li><li>• Applying filters on products</li></ul>
Secondary: Start Date: 23-08-2022 End date: 26-09-2022	<ul style="list-style-type: none"><li>• Adding cards and wallets</li><li>• Payment Gateway</li><li>• Tracking Orders</li></ul>	<ul style="list-style-type: none"><li>• Develop app</li><li>• Test</li></ul>

**Sprint backlog:**

Sprint 1: (Planning) –

- Blueprint of application (Type of E-Commerce Site (B2B,B2C))
- Physical Goods to be enlisted
- Handle shipping and logistics
- Providing Customer Service

Sprint 2: (Design and Development) –

- Signup, Login, Profile Page to be made and connect it to database
- Enlisting products on the application
- Categories to be made
- Brands to be enlisted
- Payment gateway to be used

Sprint 3: (Testing) –

- Application Development
- Testing of all functionalities
- Integrity Check