Sprint Plan

# Sprint 0 – Project Initiation

* Rough discussion of Functional & Non-Functional Requirements (FR & NFR).
* Created a chart paper with FR, NFR, and stakeholders (initial draft).

# Sprint 1 – Requirement Analysis & Setup

* Identified final stakeholders.
* Used elicitation techniques (interviews, brainstorming, surveys).
* Finalized FRs & NFRs.
* Wrote user stories, epics, and conflicts.
* Backend: Database & schema design, validation, login/signup controllers, middlewares, authentication.
* Basic login & signup page → (B1.1, B1.2, S1, S2)

# Sprint 2 – Buyer Core Journey

* Product discovery (search, filters, reviews, comparisons) → (B2.1, B2.2)
* Buyer profile & order history → (B1.2)

# Sprint 3 – Purchasing & Checkout

* Cart, coupons, checkout flow → (B3.1)
* Payment initiation & order creation → (PG1, PG2)
* Checkout UI → (PG3)

# Sprint 4 – Post Purchase & Support

* Order tracking, refund/return, chatbot support → (B4.1)
* Customer help center → (CS1)
* Complaint submission → (CS2)

# Sprint 5 – Seller Dashboard (Core)

* Seller profile management → (S2)
* Product management (add/edit/remove) → (S3)
* Product categorization → (S4)
* Inventory & price management → (S5)

# Sprint 6 – Seller Dashboard (Orders & Engagement)

* Order & returns management → (S6)
* Customer reviews & engagement → (S8)

# Sprint 7 – Analytics & Admin

* Seller analytics dashboard → (S9)
* Admin features (transactions, fraud checks) → (PG7)
* Customer service – view user profiles & orders → (CS4)

# Sprint 8 – Payment Handling & Post Payment

* Payment confirmations & status updates → (PG4, PG5)
* Payment retries & error handling → (PG6)
* Logging & auditing → (PG8)
* Post-payment functions (refunds, settlements) → (PG9)

# Sprint 9 – Performance, Security & Reliability

* Usability & UX improvements → (B5)
* Buyer performance & scalability → (B6)
* Buyer security → (B7)
* Buyer reliability → (B8)
* Seller performance & scalability → (S7)
* Seller security → (S10)
* Refunds/cancellations by support → (CS5)
* Fast dashboard load (support) → (CS6)

# Sprint 10 – Final Integration

* End-to-end testing (Buyer → Checkout → Seller → Admin).
* Bug fixing & performance optimization.
* Deployment readiness.