STUDENT'S WEEKLY DIARY/WEEKLY LOG

WEEK-1		DATE	2025-02-03	
Time of arrival	11:00 PM	Time of Departure	8:00 PM	Remarks:
Dept./Division	E-commerce Multi-store Project Team	Name of finished Product	Project Kickoff & Environment Setup	
Name of	Mr. Kartik Garg			
Supervisor With e-mail id	kartikgarg@st	orehive.io		
Main points of the day				

- > Attended project kickoff meeting and introduced team roles.
- > Installed and configured Node.js, Git, and IDE tools.
- > Cloned GitHub repository and set up branch structure.
- > Deployed initial Next.js application scaffold.

STUDENT'S WEEKLY DIARY/WEEKLY LOG

WEEK-2		DATE	2025-02-10	
Time of arrival	11:00 PM	Time of Departure	8:00 PM Remarks:	
Dept./Division	E-commerce Multi-store Project Team	Name of finished Product	Requirement Analysis & Tech Stack Finalization	
Name of	Mr. Kartik Garg			
Supervisor With e-mail id kartikgarg@st		orehive.io		
Main points of the day				

- > Met with stakeholders to gather detailed feature requirements.
- Finalized technology stack: Next.js, Tailwind CSS, Firebase, and MongoDB.
- > Created initial product backlog and user stories in Jira.
- > Documented API design and database schema draft.

STUDENT'S WEEKLY DIARY/WEEKLY LOG

WEEK-3		DATE	2025-02-17	
Time of arrival	11:00 PM	Time of Departure	8:00 PM Remarks:	
Dept./Division	E-commerce Multi-store Project Team	Name of finished Product	Wireframing & UI Mockups	
Name of	Mr. Kartik Garg			
Supervisor With e-mail id	kartikgarg@storehive.io			
Main points of the day				

- > Designed low-fidelity wireframes for homepage and product page.
- > Prepared high-fidelity mockups in Figma.
- > Reviewed designs with UI/UX lead and incorporated feedback.
- > Established design system tokens for colors and typography.

STUDENT'S WEEKLY DIARY/WEEKLY LOG

WEEK-4		DATE	2025-02-24	
Time of arrival	11:00 PM	Time of Departure	8:00 PM Remarks:	
Dept./Division	E-commerce Multi-store Project Team	Name of finished Product	Project Structure & Dynamic Theming	
Name of	Mr. Kartik Garg			
Supervisor With e-mail id	kartikgarg@st	orehive.io		
Main points of the day				

- > Implemented multiple theme support (ElectroStore, FashionStore, GroceryStore).
- > Configured ThemeContext in Next.js App Router.
- > Created sample layouts for each store.
- > Stored theme preference in localStorage with fallback logic.

STUDENT'S WEEKLY DIARY/WEEKLY LOG

WEEK-5		DATE	2025-03-03	
Time of arrival	11:00 PM	Time of Departure	8:00 PM Remarks:	
Dept./Division	E-commerce Multi-store Project Team	Name of finished Product	Firebase Integration Setup	
Name of Mr. Kartik Garg				
Supervisor With e-mail id	kartikgarg@st	storehive.io		
Main points of the	day			

- > Initialized Firebase project and enabled Firestore and Auth services.
- > Created Firebase configuration in environment variables.
- > Built ProductService class for Firestore CRUD operations.
- > Tested connection by fetching sample product data.

STUDENT'S WEEKLY DIARY/WEEKLY LOG

WEEK-6		DATE	2025-03-10	
Time of arrival	11:00 PM	Time of Departure	8:00 PM Remarks:	
Dept./Division	E-commerce Multi-store Project Team	Name of finished Product	Product Listing & Filtering	
Name of	Mr. Kartik Garg			
Supervisor With e-mail id	kartikgarg@storehive.io			
Main points of the day				

- > Developed product listing page with dynamic query parameters.
- > Implemented category and price filters.
- > Added search input with debounce for live results.
- > Styled product grid using Tailwind CSS.

STUDENT'S WEEKLY DIARY/WEEKLY LOG

WEEK-7		DATE	2025-03-17	
Time of arrival	11:00 PM	Time of Departure	8:00 PM Remarks:	
Dept./Division	E-commerce Multi-store Project Team	Name of finished Product	Product Detail & Cart Context	
Name of	Mr. Kartik Garg			
Supervisor With e-mail id	kartikgarg@storehive.io			
Main points of the d	lay			

- > Built product detail page with image carousel.
- > Developed CartContext to manage cart state across pages.
- > Integrated Add-to-Cart button and quantity control.
- > Persisted cart items in localStorage and Firebase for logged-in users.

STUDENT'S WEEKLY DIARY/WEEKLY LOG

WEEK-8		DATE	2025-03-03	
Time of arrival	11:00 PM	Time of Departure	8:00 PM Remarks:	
Dept./Division	E-commerce Multi-store Project Team	Name of finished Product	User Authentication & Profile Page	
Name of	Mr. Kartik Garg			
Supervisor With e-mail id	kartikgarg@storehive.io			
Main points of the day				

- > Implemented Firebase Auth for Google and phone sign-in.
- > Created protected routes using Next.js middleware.
- > Built user profile page to view and edit account details.
- > Linked profile data to Firestore users collection.

STUDENT'S WEEKLY DIARY/WEEKLY LOG

WEEK-9		DATE	2025-03-24	
Time of arrival	11:00 PM	Time of Departure	8:00 PM Remarks:	
Dept./Division	E-commerce Multi-store Project Team	Name of finished Product	Review & Rating Module	
Name of	Mr. Kartik Garg			
Supervisor With e-mail id	kartikgarg@storehive.io			
Main points of the da	ay			

- > Designed ReviewService for CRUD operations on reviews.
- > Displayed customer reviews on product pages.
- > Integrated star-rating UI with lucide-react icons and Tailwind.
- > Added review submission form with validation.

STUDENT'S WEEKLY DIARY/WEEKLY LOG

WEEK-10		DATE	2025-04-03	
Time of arrival	11:00 PM	Time of Departure	8:00 PM Remarks:	
Dept./Division	E-commerce Multi-store Project Team	Name of finished Product	Wishlist & Similar Products	
Name of	Mr. Kartik Garg			
Supervisor With e-mail id	kartikgarg@storehive.io			
Main points of the da	ay			

- > Built WishlistContext with Firestore syncing.
- > Added heart-button to toggle wishlist on product cards.
- > Developed SimilarProducts component using category matching.
- > Optimized Firestore queries with indexing.

STUDENT'S WEEKLY DIARY/WEEKLY LOG

WEEK-11		DATE	2025-04-10	
Time of arrival	11:00 PM	Time of Departure	8:00 PM Remarks:	
Dept./Division	E-commerce Multi-store Project Team	Name of finished Product	Checkout & Order Summary	
Name of	Mr. Kartik Garg			
Supervisor With e-mail id	kartikgarg@storehive.io			
Main points of the da	ay			

- > Created checkout page with formik for customer details.
- > Integrated Stripe API for payment processing.
- > Generated order summary and emailed receipt via Firebase Functions.
- > Stored orders in Firestore orders collection.

STUDENT'S WEEKLY DIARY/WEEKLY LOG

WEEK-12		DATE	2025-04-17	
Time of arrival	11:00 PM	Time of Departure	8:00 PM Remarks:	
Dept./Division	E-commerce Multi-store Project Team	Name of finished Product	Admin Dashboard (Part 1)	
Name of	Mr. Kartik Garg			
Supervisor With e-mail id kartikgarg@ste		orehive.io		
Main points of the day				

- > Set up AdminRoute component with role-based access.
- > Developed user management interface for customers and admins.
- > Implemented data table using shadon/ui Table component.
- > Added export to CSV functionality.

STUDENT'S WEEKLY DIARY/WEEKLY LOG

WEEK-13		DATE	2025-04-24	
Time of arrival	11:00 PM	Time of Departure	8:00 PM	Remarks:
Dept./Division	E-commerce Multi-store Project Team	Name of finished Product	Admin Dashboard (Part 2)	
Name of	Mr. Kartik Garg			
Supervisor With e-mail id	kartikgarg@storehive.io			
Main points of the day				

- > Integrated sales analytics charts using Recharts.
- > Displayed revenue, orders, and user growth metrics.
- > Added date-range filter for reports.
- > Ensured responsive design for dashboard.

STUDENT'S WEEKLY DIARY/WEEKLY LOG

WEEK-14		DATE	2025-05-03	
Time of arrival	11:00 PM	Time of Departure	8:00 PM	Remarks:
Dept./Division	E-commerce Multi-store Project Team	Name of finished Product	Mobile Responsiveness & Performance	
Name of	Mr. Kartik Garg			
Supervisor With e-mail id	kartikgarg@storehive.io			
Main points of the day				

- > Audited performance using Lighthouse.
- > Implemented code-splitting for large components.
- > Optimized images with next/image and lazy loading.
- > Tweaked Tailwind config for smaller bundle sizes.

STUDENT'S WEEKLY DIARY/WEEKLY LOG

WEEK-15		DATE	2025-05-10	
Time of arrival	11:00 PM	Time of Departure	8:00 PM	Remarks:
Dept./Division	E-commerce Multi-store Project Team	Name of finished Product	Testing & Bug Fixes	
Name of Mr. Kartik Gai				
Supervisor With e-mail id	kartikgarg@storehive.io			
Main points of the day				

- > Wrote unit tests for services using Jest.
- > Performed end-to-end tests with Cypress.
- > Identified and resolved routing and UI glitches.
- > Updated documentation and README.

STUDENT'S WEEKLY DIARY/WEEKLY LOG

WEEK-16		DATE	2025-05-17	
Time of arrival	11:00 PM	Time of Departure	8:00 PM	Remarks:
Dept./Division	E-commerce Multi-store Project Team	Name of finished Product	Final Integration & Deployment	
Name of	Mr. Kartik Garg			
Supervisor With e-mail id	kartikgarg@storehive.io			
Main points of the day				

- > Conducted full-system integration testing.
- > Deployed application to Vercel and Firebase Hosting.
- > Configured CI/CD pipeline with GitHub Actions.
- > Presented final demo to stakeholders and gathered feedback.