

AGILE DELIVERABLES – BUYNЕСТ

DOCUMENT 1 – DEFINITION OF DONE

The Definition of Done (DoD) ensures that work is fully completed at different levels (User Story, Sprint, and Release). It helps maintain quality, consistency, and clarity across the development process.

1. Produced Code for Presumed Functionalities

- Code is developed as per the user story requirements.
- Features implemented for product listing, checkout, payment, etc.

2. Assumptions of User Story Met

- Functional and non-functional requirements are fulfilled.
- Edge cases and expected behaviors are covered.

3. Project Builds Without Errors

- No compilation, runtime, or dependency errors.
- CI/CD pipeline successfully builds the project.

4. Unit Tests Written and Passing

- Unit tests cover major functionalities (e.g., product search, cart, payments).
- Test cases achieve required code coverage percentage.

5. Project Deployed on Test Environment Identical to Production

- Build is successfully deployed in a staging/test environment.
- Configurations match production for accurate testing.

6. Tests on Devices/Browsers Listed in the Project Assumptions Passed

- App is tested across multiple screen sizes and operating systems.
- Web version tested on Chrome, Firefox, Edge, and Safari.

7. Feature Ok-ed by UX Designer

- UI/UX meets design guidelines and usability standards.
- No major design inconsistencies or accessibility issues.

8. QA Performed & Issues Resolved

- Functional, regression, and performance testing completed.
- Reported bugs are fixed, and retesting is done.

9. Feature Tested Against Acceptance Criteria

- User story acceptance criteria validated by testers and stakeholders.
- Edge cases, business logic, and workflows checked.

10. Feature Ok-ed by Product Owner

- Product Owner (PO) reviews and approves functionality.
- Feedback incorporated if required.

11. Refactoring Completed

- Code is optimized for better readability and performance.
- No unused code, and adherence to best practices.

12.Any Configuration or Build Changes Documented

- CI/CD changes, environment setup, or API modifications recorded.
- Deployment instructions updated.

13.Documentation Updated

- API docs, feature specifications, and user guides updated.
- Internal team documentation refreshed.

14.Peer Code Review Performed

- Code reviewed by teammates for best practices, security, and performance.
- Review feedback incorporated before merging to the main branch.

DOCUMENT 2 – PRODUCT VISION

Scrum Project Name			BUYNEST		
Venue			Hyderabad		
Date : 16/02/25	Start time : 11am		End time : 12pm		Duration: 1hr
Client			Prabhas Raju		
Stakeholder List			Sathyatej		
			Anvitha		
			Sathvika		
SCRUM TEAM					
Scrum Master			Sridhar Reddy		
Product Owner			K. Ashwadeepa		
Scrum Developer 1			Shakeeb		
Scrum Developer 2			Shanti		
Scrum Developer 3			Kamal		
Scrum Developer 4			Prabha		
Scrum Developer 5			Deepak		

VISION - BuyNest aims to provide a seamless, reliable, and all-inclusive online shopping experience by offering a wide variety of products at competitive prices while ensuring high product quality, secure transactions, and excellent customer support. The goal is to build a trusted online marketplace that caters to diverse consumer needs efficiently.

TARGET GROUP	NEEDS	PRODUCT	VALUE
Market Segment: <ul style="list-style-type: none">• Online retail market, focusing on budget-conscious and mid-range shoppers.	Problems Solved: <ul style="list-style-type: none">• Poor product quality from unreliable sellers.• Complicated return/refund processes causing customer frustration.	Product Type: A full-fledged multi-category e-commerce platform available as a mobile app & website. What Makes It Special? <ul style="list-style-type: none">• Quality-verified products for better reliability.	How Does BuyNest Benefit the Company? <ul style="list-style-type: none">• Generates revenue from product sales, seller commissions, and ads.

<ul style="list-style-type: none"> Covers categories like electronics, fashion, home essentials, and groceries. <p>Target Users & Customers:</p> <ul style="list-style-type: none"> Individuals & families looking for affordable shopping options. Small businesses & resellers purchasing bulk products. Young professionals & students looking for convenient online shopping. 	<ul style="list-style-type: none"> Limited payment and delivery options in many e-commerce platforms. Lack of trust in online shopping due to fake reviews and counterfeit products. <p>Benefits Provided:</p> <ul style="list-style-type: none"> Strict seller verification & quality checks to reduce counterfeit products. Hassle-free returns & fast refunds for better customer satisfaction. Multiple payment methods (UPI, wallets, credit/debit cards, COD). AI-driven personalized shopping experience with product recommendations. Efficient delivery network ensuring faster order fulfillment. 	<ul style="list-style-type: none"> AI-based search & recommendations for a personalized shopping experience. Seamless checkout with multiple payment options. Efficient return & refund process. Live order tracking & customer support. <p>Feasibility of Development:</p> <ul style="list-style-type: none"> Technically feasible with the right technology stack (React Native, Node.js, MongoDB, etc.). Financially viable if optimized for a high customer retention rate and seller partnerships. Scalable with cloud-based infrastructure (AWS, Firebase, etc.). 	<ul style="list-style-type: none"> Builds a strong customer base through a reliable shopping experience. Establishes brand trust by offering quality products and services. <p>Business Goals:</p> <ul style="list-style-type: none"> Become a trusted e-commerce platform with a high customer retention rate. Offer fast, secure, and hassle-free shopping for all product categories. Expand to tier-2 and tier-3 cities with affordable pricing and efficient logistics. <p>Business Model:</p> <ul style="list-style-type: none"> Commission-based – Charge sellers a percentage of each sale. Subscription model – Premium sellers get extra visibility for a fee. Advertisement revenue – Brands & sellers can promote their products.
--	---	---	---

DOCUMENT 3 – USER STORIES

USER STORY NO : 01	TASKS : 5	PRIORITY : HIGH
VALUE STATEMENT : As a user, I want to register and log in securely so I can shop easily.		
BV: 500	CP : 5	
ACCEPTANCE CRITERIA : Users can sign up via email, phone, or social media and log in successfully.		

USER STORY NO : 02	TASKS : 4	PRIORITY : HIGH
VALUE STATEMENT : As a user, I want to browse products by categories so I can find items quickly.		
BV: 500		CP : 5
ACCEPTANCE CRITERIA : Category filters display relevant products without errors.		

USER STORY NO : 03	TASKS : 6	PRIORITY : HIGH
VALUE STATEMENT : As a user, I want to search for products using keywords so I can find items easily.		
BV: 500		CP : 8
ACCEPTANCE CRITERIA : Search results match relevant keywords with autocomplete suggestions.		

USER STORY NO : 04	TASKS : 7	PRIORITY : HIGH
VALUE STATEMENT : As a user, I want to filter and sort products so I can refine my search.		
BV: 500		CP : 5
ACCEPTANCE CRITERIA : Products can be sorted by price, rating, popularity, and relevance..		

USER STORY NO : 05	TASKS : 5	PRIORITY : HIGH
VALUE STATEMENT : As a user, I want to view detailed product descriptions so I can make informed purchases.		
BV: 500	CP : 5	
ACCEPTANCE CRITERIA : Product pages display images, specifications, price, and user reviews.		

USER STORY NO : 06	TASKS : 5	PRIORITY : HIGH
VALUE STATEMENT : As a user, I want to add products to my cart so I can purchase them later.		
BV: 500	CP : 3	
ACCEPTANCE CRITERIA : Items can be added/removed from the cart and quantity updated.		

USER STORY NO : 07	TASKS : 6	PRIORITY : HIGH
VALUE STATEMENT : As a user I want to checkout securely with multiple payment options so I can complete purchases conveniently.		
BV: 500	CP : 8	
ACCEPTANCE CRITERIA : Users can pay via UPI, wallets, credit/debit cards, and COD.		

USER STORY NO : 08	TASKS : 4	PRIORITY : HIGH
VALUE STATEMENT : As a user, I want to track my order status so I know when it will arrive.		
BV: 500	CP : 5	
ACCEPTANCE CRITERIA : Real-time order tracking is available with estimated delivery date.		

USER STORY NO : 09	TASKS : 6	PRIORITY : HIGH
VALUE STATEMENT : As a user, I want to return or exchange products easily so I can shop with confidence.		
BV: 500	CP : 8	
ACCEPTANCE CRITERIA : Users can initiate returns/exchanges within the allowed period.		

USER STORY NO : 10	TASKS : 5	PRIORITY : HIGH
VALUE STATEMENT : As a user, I want to rate and review products so I can share my experience.		
BV: 500	CP : 5	
ACCEPTANCE CRITERIA : Users can submit reviews with images, ratings, and comments.		

USER STORY NO : 11	TASKS : 4	PRIORITY : MEDIUM
VALUE STATEMENT : As a user, I want to receive personalized product recommendations so I can find relevant items.		
BV: 400	CP : 5	
ACCEPTANCE CRITERIA : AI-based suggestions display items based on browsing history.		

USER STORY NO : 12	TASKS : 6	PRIORITY : MEDIUM
VALUE STATEMENT : As a user, I want to add products to my wishlist so I can save them for future purchases.		
BV: 500	CP : 3	
ACCEPTANCE CRITERIA : Wishlist is accessible from the profile section, and items can be added/removed.		

USER STORY NO : 13	TASKS : 4	PRIORITY : MEDIUM
VALUE STATEMENT : As a user, I want to apply discount codes and coupons so I can save money on purchases.		
BV: 200	CP : 5	
ACCEPTANCE CRITERIA : Valid coupons apply discounts at checkout successfully.		

USER STORY NO : 14	TASKS : 6	PRIORITY : MEDIUM
VALUE STATEMENT : As a user, I want to receive push notifications so I stay updated on offers and orders.		
BV: 200	CP : 3	
ACCEPTANCE CRITERIA : Users receive notifications for discounts, orders, and alerts.		

USER STORY NO : 15	TASKS : 5	PRIORITY : MEDIUM
VALUE STATEMENT : As a user, I want to contact customer support via chat or call so I can resolve my issues.		
BV: 200	CP : 3	
ACCEPTANCE CRITERIA : Live chat and call options are available with response time within 5 minutes.		

USER STORY NO : 16	TASKS : 4	PRIORITY : MEDIUM
VALUE STATEMENT : As a seller, I want to list my products easily so I can start selling on BuyNest.		
BV: 200	CP : 5	
ACCEPTANCE CRITERIA : Sellers can upload product details, images, and prices through a dashboard.		

USER STORY NO : 17	TASKS : 5	PRIORITY : HIGH
VALUE STATEMENT : As a seller, I want to manage my orders and inventory so I can track my stock.		
BV: 500	CP : 5	
ACCEPTANCE CRITERIA : Sellers can update stock, modify orders, and track deliveries.		

USER STORY NO : 18	TASKS : 4	PRIORITY : MEDIUM
VALUE STATEMENT : As a seller, I want to get payments securely so I receive earnings from sales.		
BV: 200	CP : 8	
ACCEPTANCE CRITERIA : Sellers receive payments via bank transfer or wallet within settlement time.		

USER STORY NO : 19	TASKS : 6	PRIORITY : HIGH
VALUE STATEMENT : As an admin, I want to approve or reject sellers so we ensure quality.		
BV: 500		CP : 8
ACCEPTANCE CRITERIA : Seller verification system validates business details before approval.		

USER STORY NO : 20	TASKS : 4	PRIORITY : MEDIUM
VALUE STATEMENT : As an admin, I want to analyze user behavior and sales trends so I can improve the platform.		
BV: 200	CP : 5	
ACCEPTANCE CRITERIA : Analytics dashboard displays sales performance, customer data, and trends.		

USER STORY NO : 21	TASKS : 3	PRIORITY : LOW
VALUE STATEMENT : As a user, I want to track my refund status so I know when I will get my money back.		
BV: 100	CP : 3	
ACCEPTANCE CRITERIA : Refunds show real-time status updates.		

USER STORY NO : 22	TASKS : 5	PRIORITY : LOW
VALUE STATEMENT : As a user, I want to compare products side by side so I can make better purchase decisions.		
BV: 100		CP : 3
ACCEPTANCE CRITERIA : Comparison tool allows selecting multiple products with features side-by-side.		

USER STORY NO : 23	TASKS : 5	PRIORITY : MEDIUM
VALUE STATEMENT : As a user, I want to enable voice search so I can find products faster.		
BV: 200	CP : 5	
ACCEPTANCE CRITERIA : Voice search works accurately and finds relevant products.		

USER STORY NO : 24	TASKS : 4	PRIORITY : MEDIUM
VALUE STATEMENT : As a user, I want to receive estimated delivery time before checkout so I can plan my purchase.		
BV: 200		CP : 3
ACCEPTANCE CRITERIA : Delivery ETA shows based on location and shipping method.		

USER STORY NO : 25	TASKS : 6	PRIORITY : MEDIUM
VALUE STATEMENT : As a seller, I want to offer product bundles and discounts so I can attract more buyers.		
BV: 200	CP : 5	
ACCEPTANCE CRITERIA : Sellers can set bundle pricing and promotional discounts.		

USER STORY NO : 26	TASKS : 4	PRIORITY : LOW
VALUE STATEMENT : As a user, I want to subscribe to newsletters and updates so I get the latest deals.		
BV: 100	CP : 3	
ACCEPTANCE CRITERIA : Users can opt in for newsletters and promotional emails.		

USER STORY NO : 27	TASKS : 5	PRIORITY : MEDIUM
VALUE STATEMENT : As a user, I want to view order history so I can reorder previous purchases.		
BV: 200	CP : 5	
ACCEPTANCE CRITERIA : Past orders are accessible with invoice downloads.		

USER STORY NO : 28	TASKS : 3	PRIORITY : MEDIUM
VALUE STATEMENT : As a user, I want to browse in dark mode so I can reduce eye strain.		
BV: 200		CP : 3
ACCEPTANCE CRITERIA : Dark mode toggle available in settings.		

USER STORY NO : 29	TASKS : 4	PRIORITY : MEDIUM
VALUE STATEMENT : As a user, I want to see trending and best-selling products so I know what’s popular.		
BV: 200	CP : 5	
ACCEPTANCE CRITERIA : Homepage displays trending products based on sales and ratings		

USER STORY NO : 30	TASKS : 6	PRIORITY : HIGH
VALUE STATEMENT : As an admin, I want to detect and remove fake reviews so we ensure credibility		
BV: 500	CP : 8	
ACCEPTANCE CRITERIA : AI flags and removes suspicious reviews automatically.		

DOCUMENT 4 – AGILE PO EXPERIENCE

As a Product Owner for the BuyNest e-commerce platform, I gained hands-on experience in defining the product vision, managing stakeholders, and leading Agile processes to ensure successful product development. The key experiences include:

Market & Enterprise Analysis

- Conducted market research to identify consumer needs, existing competition, and demand for a diverse multi-category e-commerce platform.
- Performed enterprise-level due diligence to evaluate the feasibility and business potential of BuyNest.

Product Vision & Roadmap Development

- Defined the product vision, ensuring alignment with business goals, market demand, and competitive landscape.
- Created a high-level roadmap outlining key features, development phases, and go-to-market strategies.

Product Backlog & Feature Management

- Managed product backlog, prioritizing epics, user stories, and feature requests based on criticality and ROI.
- Engaged with stakeholders, development teams, and UX designers to refine requirements and expectations.
- Continuously adjusted backlog priorities based on market feedback and business needs.

Agile & Sprint Management

- Led and actively participated in Agile sprint ceremonies, including:
- Sprint Planning: Defined sprint goals, refined user stories, and set development priorities.
- Daily Scrum Meetings: Collaborated with the development team to track progress, address blockers, and ensure sprint alignment.
- Sprint Review Meetings: Evaluated sprint outcomes with stakeholders and gathered feedback for improvement.
- Sprint Retrospective Meetings: Identified successes, challenges, and process improvements for future iterations.
- Backlog Refinement Meetings: Reviewed and updated user stories, ensuring readiness for upcoming sprints.

User Story Creation & Prioritization

- Defined and structured user stories with clear details, including:
- Story Number, Tasks, Priority, Acceptance Criteria, BV & CP values.
- Ensured user stories were aligned with business objectives and customer needs.
- Maintained effective collaboration between business stakeholders and development teams.

Stakeholder Communication & Business Alignment

- Served as a bridge between business and development teams, ensuring alignment of product features with market needs.
- Regularly communicated with stakeholders to gather feedback, set expectations, and adjust product direction accordingly.

Continuous Learning & Adaptation

- Adapted product strategy based on user feedback, competitor analysis, and emerging market trends.
- Ensured continuous improvement of development processes and team collaboration through Agile retrospectives.

DOCUMENT 5 – PRODUCT AND SPRINT BACKLOG & PRODUCT AND SPRINT BURNDOWN CHARTS

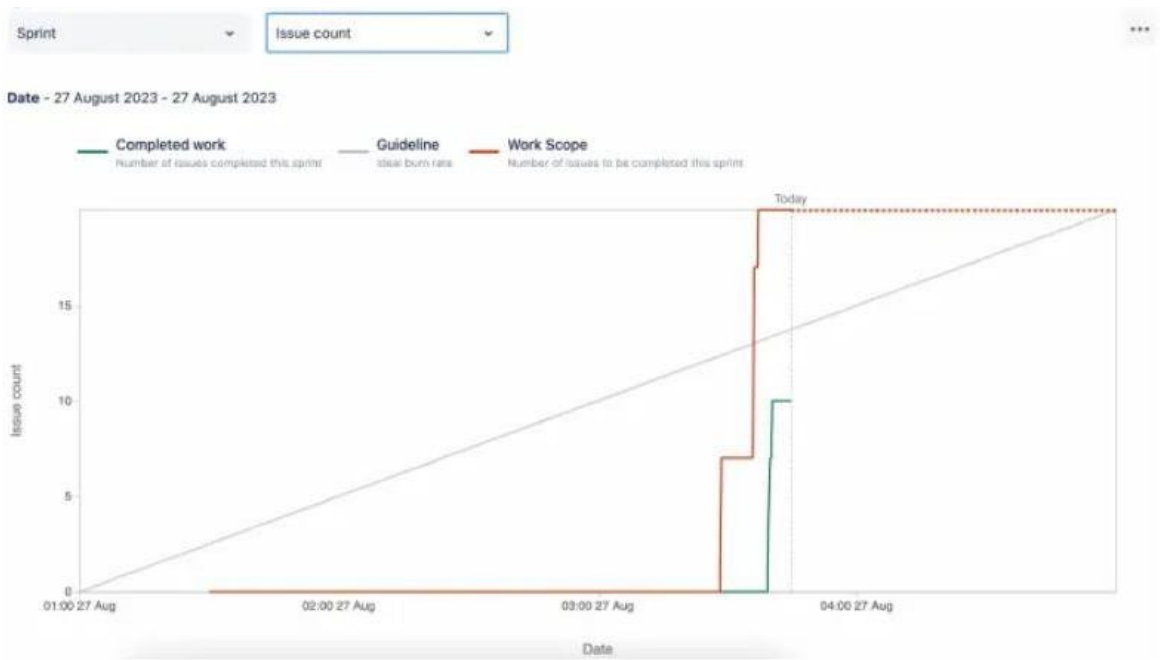
PRODUCT BACKLOG :

USER STORY ID	USER STORY	TASKS	PRIORITY	BV	CP	SPRINT
01	As a user, I want to register and log in securely so I can shop easily.	5	HIGH	10	5	Sprint 1
02	As a user, I want to browse products by categories so I can find items quickly.	4	HIGH	9	4	Sprint 1
03	As a user, I want to search for products using keywords so I can find items easily.	6	HIGH	10	6	Sprint 1
05	As a user, I want to filter and sort products so I can refine my search.	7	HIGH	8	5	Sprint 1
05	As a user, I want to view detailed product descriptions so I can make informed purchases.	5	HIGH	9	3	Sprint 1

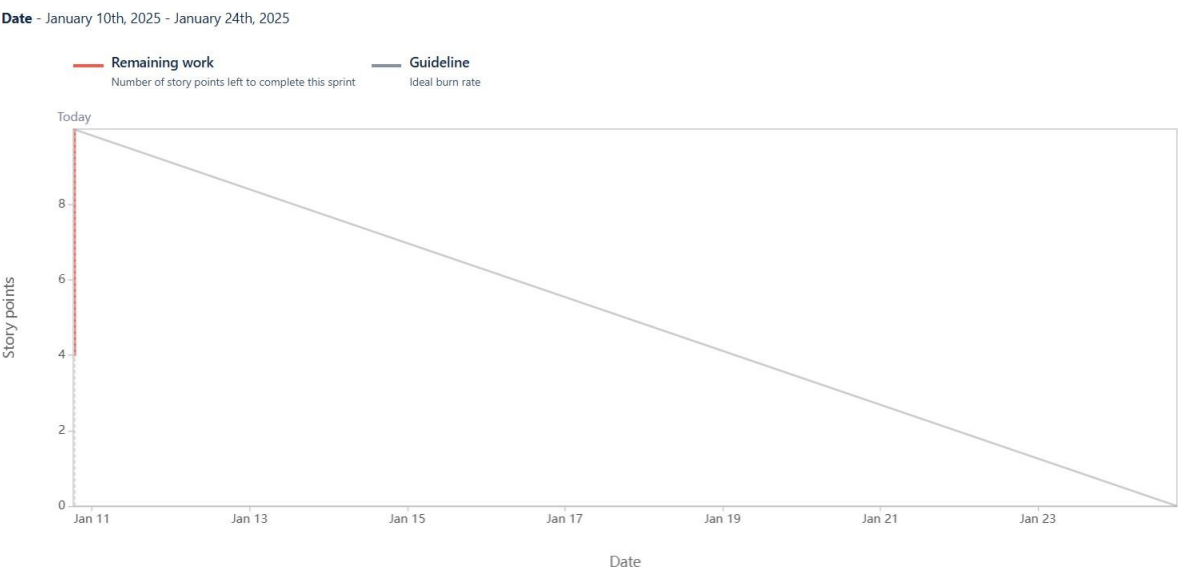
SPRINT BACKLOG

USER STORY ID	USER STORY	TASKS	OWNERS	STATUS	ESTIMATED EFFORT
01	As a user, I want to register and log in securely so I can shop easily.	5	SHAKEEB	DONE	9
02	As a user, I want to browse products by categories so I can find items quickly.	4	SHANTI	WORK IN PROGRESS	6
03	As a user, I want to search for products using keywords so I can find items easily.	6	KAMAL	WORK IN PROGRESS	5
05	As a user, I want to filter and sort products so I can refine my search.	7	PRABHA	DONE	8
05	As a user, I want to view detailed product descriptions so I can make informed purchases.	5	DEEPAK	DONE	9

PRODUCT BURNDOWN CHART



SPRINT BURNDOWN CHART



DOCUMENT 6 - SPRINT MEETINGS

MEETING TYPE 1 : SPRINT MEETING

DATE	21/02/25
TIME	11 am
LOCATION	Conference room of BUYNEST
PREPARED BY	K.ASHWADEEPA (PO)
ATTENDES	Sridhar Reddy (Scrum Master), K. Ashwadeepa (Product Owner), Shakeeb (Scrum Developer 1), Shanti (Scrum Developer 2), Kamal (Scrum Developer 3), Prabha (Scrum Developer 4), Deepak (Scrum Developer 5)

AGENDA TOPICS

TOPIC	PRESENTER	TIME ALLOTTED
Sprint Goal Discussion – Define the sprint objective based on product backlog priorities.	K. Ashwadeepa (Product Owner)	15 mins
Review of Product Backlog Items – Discuss high-priority user stories for the sprint.	Sridhar Reddy (Scrum Master)	20 mins
Task Breakdown & Estimation – Assign story points and complexity to user stories.	Scrum Developers	30 mins
Capacity Planning – Assess team availability and workload balancing.	Sridhar Reddy (Scrum Master)	15 mins
Technical Considerations – Discuss dependencies, potential blockers, and risks.	Shakeeb & Shanti (Scrum Developers)	15 mins
Definition of Done (DOD) Review – Ensure clarity on acceptance criteria for sprint deliverables.	K. Ashwadeepa (Product Owner)	10 mins
Sprint Commitment & Finalization – Confirm sprint backlog and team commitment.	Sridhar Reddy (Scrum Master)	15 mins

OTHER INFORMATION

OBSERVERS	None
RESOURCES	Product Backlog, Jira Board, Sprint Metrics, Team Availability
SPECIALS NOTES	Ensure all tasks have clear acceptance criteria and dependencies documented before sprint starts.

MEETING TYPE 2 : SPRINT REVIEW MEETING

DATE	25/02/25
TIME	11 am
LOCATION	Conference room of BUYNEST
PREPARED BY	K.ASHWADEEPA (PO)
ATTENDES	Sridhar Reddy (Scrum Master), K. Ashwadeepa (Product Owner), Shakeeb (Scrum Developer 1), Shanti (Scrum Developer 2), Kamal (Scrum Developer 3), Prabha (Scrum Developer 4), Deepak (Scrum Developer 5)

SPRINT STATUS	THINGS TO DEMO	QUICK UPDATES	WHAT'S NEXT
Sprint 3 focused on implementing cart functionality, secure checkout, and order tracking.	Live Demo: - Add to Cart functionality - Secure Checkout with multiple payment options - Order tracking feature with status updates	Cart functionality is fully implemented and tested. - Secure Checkout had minor bugs but is now fixed. - Order Tracking feature is partially complete, missing UI enhancements.	Complete Order Tracking UI improvements. - Start working on return/exchange feature in Sprint 4. - Plan backlog refinement for Sprint 5.

MEETING TYPE 3 : SPRINT RETROSPECTIVE MEETING

DATE	27/02/25
TIME	11 am
LOCATION	Conference room of BUYNEST
PREPARED BY	K.ASHWADEEPA (PO)
ATTENDES	Sridhar Reddy (Scrum Master), K. Ashwadeepa (Product Owner), Shakeeb (Scrum Developer 1), Shanti (Scrum Developer 2), Kamal (Scrum Developer 3), Prabha (Scrum Developer 4), Deepak (Scrum Developer 5)

AGENDA	WHAT WENT WELL	WHAT DIDN'T GO WELL	QUESTIONS	REFERENCE
Sprint Goals Review .	Successfully completed login, product search, and checkout functionalities	Some user stories took longer than expected due to API integration issues.	How can we estimate story points more accurately?	Sprint Backlog
Team Collaboration	Daily stand-ups improved coordination.	Some developers felt overwhelmed with workload distribution.	Should we refine task allocation in the next sprint?	Scrum Board
Testing & Bug Fixes	Found and fixed critical checkout bugs before release.	Testing started late due to development delays.	Can we start QA earlier in the sprint?	Test Reports
Stakeholder Feedback .	Positive feedback on UI improvements	Some stakeholders requested changes late in the sprint.	How do we handle late-stage change requests efficiently?	Product Owner Notes
Improvements for Next Sprint.	Implement a better sprint planning strategy	Need better backlog grooming to avoid mid-sprint scope changes.	How do we ensure clear requirements before development starts?	Sprint Planning Docs

MEETING TYPE 4 : DAILY STAND-UP MEETING

QUESTI ON	NAME / ROLE	MON DAY	TUES DAY	WEDNES DAY	THURS DAY	FRIDAY	SAT UR DAY	SUN DAY
What did you do yesterd ay?	Shakeeb (Scrum Developer 1)	Completed user login API	Fixed cart issues	Debugged checkout flow	Implemented product	API testing	-	-
	Shanti (Scrum Developer 2)	Created homepage UI	Integrated product filters	Fixed UI bugs	Worked on wishlist feature	Tested UI responsive ness	-	-
	Kamal (Scrum Developer 3)	Set up database schema	Integrated payment gateway	Wrote unit tests	Debugged refund logic	Reviewed backend API performan ce	-	-
	Prabha (Scrum Developer 4)	Implemented order tracking	Worked on notifications	Fixed minor UI bugs	Integrated email verification	QA testing for checkout	-	-
	Deepak (Scrum Developer 5)	Designed category UI	Set up product recommend ation logic	Integrated third-party analytics	Debugged seller dashboard	Completed review feature	-	-
What will you do today	Shakeeb (Scrum Developer 1)	Work on cart persistence	Finalize order confirmation page	Optimize checkout speed	API documentation	Bug fixes in payment flow	-	-
	Shanti (Scrum Developer 2)	Fix homepage layout	Improve category selection UX	Add sorting animations	Connect wishlist to backend	Prepare UI test cases	-	-
	Kamal (Scrum Developer 3)	Optimize database queries	Add refund status tracking	Security patching	Performance tuning for order processing	Backend API cleanup	-	-
	Prabha (Scrum Developer 4)	Implement push notification	Test email verification	Fix UI for order tracking	Improve product display responsiveness	Prepare for sprint demo	-	-
	Deepak (Scrum Developer 5)	Update category page UI	Finalize recom mendation logic	Integrate new analytics tracking	Review customer feedback system	Complete front-end document ation	-	-

What (if any) is blocking your progress	Shakeeb (Scrum Developer 1)	Need final API confirmation	—	Slow response from database	—	Payment gateway issues	-	-
	Shanti (Scrum Developer 2)	Awaiting updated UI guidelines	—	Need backend confirmation	—	Some UI elements not rendering properly	-	-
	Kamal (Scrum Developer 3)	Facing timeout in refund API	—	Database sync issues	—	Need logs for performance debugging	-	-