Retrospective

INSTRUCTIONS:

Answer the below questions. Remember to be honest about your experience. This will help the team make the necessary adjustments for the next sprint.

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| Project Title: | Online Book Store System |
| Sprint #: | 1 |

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| What worked well this sprint? |
| * Sprint backlog creation and setup was smooth. * Successfully implemented authentication backend and UI. * Integrated OAuth and completed role-based access control. |
| What didn’t work so well this sprint? |
| * Unclear API structure led to initial confusion. * Faced CORS errors and session expiration bugs. * Delayed testing setup created blockers later in the sprint. |
| What will we do to improve next sprint? |
| * Finalize API structure before development begins. * Keep documentation and progress logs updated. * Begin testing and session management earlier. |

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| Sprint #: | 2 |

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| What worked well this sprint? |
| * Book management backend API and CRUD operations completed. * Admin approval and seller book management worked smoothly. * Inventory management and frontend integration were successful. |
| What didn’t work so well this sprint? |
| * Undefined book categories led to confusion. * Search and filtering performance issues. * UI design inconsistencies slowed development. |
| What will we do to improve next sprint? |
| * Optimize backend queries and indexing. * Align frontend/backend teams on design before implementation. * Document book categories and validation logic clearly. |

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| Sprint #: | 3 |

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| What worked well this sprint? |
| * Cart management, order placement, and payment integration delivered. * Fraud detection and admin monitoring implemented. * End-to-end testing for cart and payment completed. |
| What didn’t work so well this sprint? |
| * Payment flow faced security issues and validation bugs. * Checkout page had UI issues on mobile. * Refund handling and error management were not robust. |
| What will we do to improve next sprint? |
| * Improve payment gateway error handling and transaction retries. * Run full sandbox simulations before final deployment. * Validate refund flow early in the sprint. |

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| Sprint #: | 4 |

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| What worked well this sprint? |
| * Developed complete subscription management backend and UI. * Admin-level control over seller subscriptions implemented. * Designed and tested the seller earnings dashboard. |
| What didn’t work so well this sprint? |
| * Subscription upgrade/downgrade logic caused pricing issues. * Earning calculation inconsistencies for sellers. * Recurring payment authorization was unreliable. |
| What will we do to improve next sprint? |
| * Use test data to simulate pricing scenarios before finalizing. * Automate seller commission calculations and reports. * Clarify all subscription tiers before implementation. |