

Assignment: set a Kanban board for your project online movie ticket booking?

Setting up a Kanban board for an online movie ticket booking project involves visualizing tasks, workflow stages, and work in progress (WIP) limits to optimize the flow of work. Here is how you can structure a Kanban board for this project:

Kanban Board for Online Movie Ticket Booking Project

Workflow Stages:

1. **Backlog:** List of all tasks and user stories that need to be completed.
2. **To Do:** Tasks that are ready to be pulled into active development.
3. **In Progress:** Tasks currently being worked on.
4. **Testing:** Tasks awaiting testing and quality assurance.
5. **Review:** Tasks that are completed and awaiting review.
6. **Done:** Tasks that have been completed and approved.

Columns and Cards:

- **Backlog:**
 - User Registration Feature
 - Movie Listings and Booking Functionality
 - Payment Gateway Integration
 - User Profile Management
 - Admin Dashboard for Theatre Management
 - Improve UI/UX for ticket booking process
- **To Do:**
 - User registration form UI design
 - Backend setup for user registration and authentication
- **In Progress:**
 - Implement user registration form frontend
 - Develop backend logic for user authentication
- **Testing:**
 - Test user registration and authentication functionalities
- **Review:**
 - Review and finalize user registration UI/UX
- **Done:**
 - Completed user registration form
 - Implemented user authentication backend

Example Cards:

- **User Registration Feature:**
 - **Description:** Allow users to register for an account to book movie tickets.
 - **Acceptance Criteria:** Implement registration form, validate inputs, integrate email verification.
 - **Assigned To:** Frontend Developer
 - **Due Date:** [19-06-2024]
- **Payment Gateway Integration:**
 - **Description:** Integrate a secure payment gateway for online transactions.
 - **Acceptance Criteria:** Implement payment API, test transaction flow, ensure security compliance.
 - **Assigned To:** Backend Developer
 - **Due Date:** [19-06-2024]

WIP Limits:

- **To Do:** 4 tasks
- **In Progress:** 2 tasks
- **Testing:** 2 tasks
- **Review:** 1 task

Board Usage Guidelines:

- Move cards across stages from left to right as tasks progress.
- Limit the number of tasks in each stage to avoid bottlenecks and maintain flow.
- Hold regular stand-up meetings to discuss progress, blockers, and task priorities.
- Continuously prioritize and add new tasks from the backlog based on project needs and feedback.

Visual Representation:

- Use a digital Kanban board tool (e.g., Trello, Jira, Asana) or a physical whiteboard divided into columns.
- Colour code cards or use labels to indicate task types (e.g., frontend, backend, testing).

- Include task details, priorities, and dependencies on each card for clarity.

By setting up and maintaining a Kanban board for your online movie ticket booking project, you can visualize work progress, manage tasks efficiently, and optimize team collaboration toward delivering a high-quality product on time.