Kanban Board Project Week 19 Deliverables

(December 16 - December 20, 2024)
Stage: Deployment and Post-Deployment Monitoring
Objective: Deploy the Kanban Board project, ensure smooth launch operations, and initiate post-deployment monitoring. Address any early-stage production issues, implement minor iterations based on real-world usage feedback, and establish ongoing maintenance protocols.

Backend Team

December 16-17: Deployment Execution

- **Production Deployment:**
  - Execute backend service deployment using finalized deployment playbooks from Week 18.
  - Ensure all APIs (Analytics, Admin, and others) are running seamlessly on production infrastructure.
- **Database Migration:**
  - Perform necessary database migrations and validate data integrity.
  - Monitor migration logs to identify and resolve any anomalies.

December 18-19: Post-Deployment Monitoring

- **Real-Time Performance Monitoring:**
  - Set up and configure performance monitoring tools to track API response times and database query latencies.
  - Establish baseline metrics for analytics and admin functionalities.
- **Issue Resolution:**
  - Respond to any production issues reported by the frontend team or identified through monitoring tools.
  - Fix high-priority bugs affecting production systems.

December 20: Maintenance Handoff and Documentation

- Prepare a knowledge base for ongoing maintenance (e.g., common error resolutions, performance tuning tips).
- Conduct a session with the support team to explain backend architecture and critical workflows.

Frontend Team

December 16-17: Deployment Execution

- **Frontend Build Deployment:**
  - Deploy the polished frontend build to production servers.
  - Validate the deployment by testing live instances for key workflows (CEO Dashboard, Admin UI).
- **Production Readiness Validation:**
  - Verify integration of frontend components with live APIs.
  - Conduct smoke testing for core functionalities to ensure stability post-deployment.

December 18-19: Monitoring and Early Feedback Implementation

- **Usability Monitoring:**
  - Use analytics tools to track user interactions and identify potential UX bottlenecks.
  - Monitor user feedback and prioritize issues for quick fixes.
- **Hotfix Implementation:**
  - Address immediate styling, performance, or functional issues reported by users.

December 20: Handoff to Support

- Finalize and deliver a user guide for key functionalities (e.g., CEO Dashboard usage, admin workflows).
- Train the support team on using frontend components for troubleshooting and demo purposes.

UI/UX Team

December 16-17: Post-Launch Design Tweaks

- **Feedback Integration:**
  - Review user feedback on UI/UX elements received during initial deployment.
  - Refine tooltips, modals, and other interactive elements to address usability concerns.
- **Accessibility Validation:**
  - Recheck all components in the live environment for WCAG compliance.

December 18-19: Usability Reporting

- **Data-Driven Insights:**

   ○ Collaborate with the frontend team to analyze user behavior data and identify areas for further optimization.
- **Update Design Guidelines:**
   ○ Document any new interaction patterns or changes made during post-deployment tweaks.

December 20: Wrap-Up Documentation

- Deliver updated style guides and usability reports for future projects.
- Share feedback insights with all teams to guide future iterations.

Summary of Week 19 Deliverables

Backend:

- Deploy backend services to production.
- Set up real-time monitoring and resolve early-stage production issues.
- Prepare maintenance documentation for handoff.

Frontend:

- Deploy the frontend build to production.
- Monitor usability and address immediate issues reported by users.
- Finalize user guides and train the support team.

UI/UX:

- Integrate post-launch feedback to enhance usability.
- Provide updated design documentation and usability reports for reference.

Key Milestone: Successful deployment of the Kanban Board with post-deployment monitoring and readiness for ongoing maintenance.