

# Kanban Board Project Week 18 Deliverables

**(December 9 - December 13, 2024)**

**Stage:** Phase Three Finalization and Pre-Deployment

**Objective:** Prepare the Kanban Board project for deployment readiness by finalizing all features, resolving remaining issues, and validating system stability. Conduct comprehensive user feedback sessions to ensure alignment with user needs, polish UI/UX elements, and finalize documentation for handoff.

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## Backend Team

### December 9-10: Final Refinements and Bug Fixes

- **Analytics API Enhancements:**
  - Add missing functionality for dynamic KPI adjustments based on user feedback from Week 17.
  - Improve scalability of data aggregation logic to ensure real-time responsiveness.
- **Admin API Updates:**
  - Finalize edge case handling for bulk role-editing functionality.
  - Fix inconsistencies in role-specific permissions based on QA results.

### December 11-12: Comprehensive Backend Testing

- **Load Testing:**
  - Simulate peak user traffic scenarios with final API configurations to validate system stability.
  - Ensure database performance under stress matches predefined SLAs.
- **Integration Testing:**
  - Perform end-to-end tests in collaboration with frontend and UI/UX teams to validate seamless integration.
- **Bug Resolution:**
  - Address critical issues reported during Week 17 stress testing and frontend integration tests.

### December 13: Documentation and Deployment Preparation

- Finalize API documentation with examples for key analytics and admin endpoints.
  - Prepare and share deployment playbooks for backend services.
  - Participate in a final cross-team sync-up to align on deployment goals.
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## Frontend Team

### December 9-10: Feature Polishing and QA

- **CEO Dashboard Enhancements:**
  - Refine drill-down interactions and export functionalities for analytics widgets.
  - Optimize visualizations for faster rendering with large datasets.
- **Admin UI Updates:**
  - Address edge cases in bulk editing UI reported during Week 17 testing.
  - Enhance responsiveness for admin workflows on mobile devices.

### December 11-12: Comprehensive Testing and Bug Fixes

- **System-wide QA:**
  - Conduct full regression testing on all frontend components to ensure stability.
  - Address styling and performance issues identified during usability testing in Week 17.
- **Optimization:**
  - Fine-tune caching strategies and lazy loading for improved performance on low-end devices.

### December 13: Usability Testing and Handoff

- Conduct final usability testing sessions with key stakeholders.
  - Incorporate feedback into final iterations of the frontend.
  - Collaborate with backend and UI/UX teams to ensure deployment readiness.
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## UI/UX Team

### December 9-10: Final Iterations and Design Adjustments

- **User Feedback Integration:**
  - Implement changes to analytics tooltips, modal dialogs, and navigation elements based on Week 17 feedback.
  - Finalize designs for mobile-specific optimizations in admin workflows.
- **Accessibility Compliance:**
  - Conduct final accessibility checks for all components, ensuring WCAG 2.1 compliance.

### December 11-12: Prototyping and Testing

- **High-Fidelity Prototypes:**
  - Share interactive prototypes with frontend and backend teams to guide final implementation.

- Validate usability of changes with a targeted user group.
- **Testing Reports:**
  - Document results of usability tests and share actionable insights with other teams.

### **December 13: Final Documentation**

- Update the design system with finalized components and interaction patterns.
  - Deliver a comprehensive style guide and usability testing report for future reference.
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## **Summary of Week 18 Deliverables**

### **Backend:**

- Refine advanced analytics and admin APIs with robust performance testing.
- Complete integration testing and finalize deployment playbooks.

### **Frontend:**

- Polish CEO dashboard and admin UI components, ensuring optimal performance.
- Conduct regression testing and finalize all frontend features for deployment.

### **UI/UX:**

- Incorporate final usability feedback and complete accessibility validation.
- Deliver updated documentation and design systems for seamless handoff.