

Kanban Board Project Week 10 Deliverable

Week 10 Deliverables (October 14 - October 18, 2024)

Stage: Post-Launch Refinements and Feature Expansion

Objective: Continue refining the integrated Kanban and OPT Portal system by addressing feedback from Week 9, introducing new functionalities, and enhancing monitoring.

Backend Team:

October 14-15: Feature Enhancements and New Integrations

- **Task 1:** Expand API functionality to allow OPT Coordinators to assign tasks to specific volunteers directly from the OPT Portal.
- **Task 2:** Introduce new endpoints to support task dependencies and due dates within the integrated system.
- **Task 3:** Implement automated notifications for overdue tasks or incomplete assignments via backend triggers.

October 16: Monitoring and Error Handling Enhancements

- **Task 1:** Improve error logging by implementing structured logs with contextual metadata (e.g., user ID, task ID).
- **Task 2:** Set up automated alerts for critical failures, such as API timeouts or data synchronization errors.
- **Task 3:** Configure API rate limits to prevent overuse and improve system stability during peak hours.

October 17-18: Planning for Scalability and Upcoming Releases

- **Task 1:** Conduct a load test on the integrated system to assess its performance with increased traffic.
 - **Task 2:** Begin planning for phase two updates, such as task progress visualization (e.g., Kanban charts) within the OPT Portal.
 - **Task 3:** Document all new API updates and backend configurations for the scalability phase.
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Frontend Team:

October 14-15: UX Enhancements and New Features

- **Task 1:** Add a task progress tracker to the OPT Portal dashboard, displaying task status (To Do, In Progress, Done).
- **Task 2:** Implement filtering options to allow users to view tasks by status, priority, or assigned volunteers.
- **Task 3:** Enhance the unified notification hub to support reminders for pending tasks and document submissions.

October 16: Testing and Cross-Browser Compatibility

- **Task 1:** Perform cross-browser testing to ensure all new features function smoothly on major browsers and devices.
- **Task 2:** Fix any UI inconsistencies reported during testing (e.g., layout issues, missing components).
- **Task 3:** Ensure seamless handling of task dependencies on both the Kanban Board and the OPT Portal interfaces.

October 17-18: Performance Monitoring and Documentation

- **Task 1:** Optimize component rendering on the frontend, reducing latency during task updates.
- **Task 2:** Implement tracking for frontend errors and user interactions using monitoring tools.
- **Task 3:** Update user documentation to reflect new features and enhancements, ensuring onboarding is straightforward.

UI/UX Team:

October 14-15: Usability Improvements and New Designs

- **Task 1:** Design new visual components to represent task dependencies and task progress on the OPT Portal dashboard.
- **Task 2:** Conduct a mini usability test focusing on new features like task filtering and progress tracking.
- **Task 3:** Refine any confusing elements identified during testing to ensure a smooth user journey.

October 16: Accessibility and Design Consistency

- **Task 1:** Perform an accessibility review to ensure compliance with WCAG standards.
- **Task 2:** Adjust color schemes and font sizes where necessary to improve readability and accessibility.
- **Task 3:** Ensure that both the Kanban Board and OPT Portal interfaces maintain a unified design language.

October 17-18: Future Planning and Design Documentation

- **Task 1:** Begin wireframing additional UI components for phase two enhancements (e.g., visual Kanban charts).
- **Task 2:** Create a style guide for future updates, ensuring consistency across future releases.
- **Task 3:** Document all UX improvements and design changes, making them available to both frontend and backend teams for alignment.