

OPT Portal Project Week 6 Deliverable

Week 6 OPT Project Deliverables (October 14 - October 18, 2024)

Backend Team:

- **October 14, 2024: Health Monitoring and Kanban Integration**
 - Task: Monitor application health using AWS CloudWatch and CloudTrail for error tracking and performance analysis.
 - Task: Identify backend performance bottlenecks and address them.
 - Task: Ensure smooth integration with the Kanban Board project, syncing task statuses with the backend.
- **October 15, 2024: API Optimization and Work Tracker Sync**
 - Task: Optimize API calls and database queries for improved response times.
 - Task: Sync Work Tracker (Progress Sheet) module with real-time updates, especially for time tracking.
 - Task: Perform load testing using AWS Elastic Load Balancer (ELB) for handling traffic spikes.
- **October 16, 2024: Bug Fixing and Time Entry Integration**
 - Task: Fix bugs related to document management and Work Tracker.
 - Task: Integrate Workday-like time entry functionality into the backend.
 - Task: Conduct integration tests to verify interaction between backend and frontend for time entries.
- **October 17, 2024: Security Audit and Logging Enhancements**
 - Task: Perform security audit of backend APIs using AWS IAM for role-based access.
 - Task: Enhance logging for tracking user activity and time entries in the Work Tracker.
 - Task: Secure token handling for session management.
- **October 18, 2024: Final Backend Review and Documentation**
 - Task: Finalize backend documentation for Kanban Board and time entry integration.
 - Task: Monitor system performance using AWS CloudWatch Logs post-optimizations.
 - Task: Conduct final review of phase 2 Work Tracker and time entry functionalities.

Frontend Team:

- **October 14, 2024: Kanban Integration and Performance Monitoring**
 - Task: Use AWS CloudFront for tracking frontend performance and static asset delivery.
 - Task: Integrate frontend with the Kanban Board for real-time task status updates.
 - Task: Fix frontend issues related to Kanban board task visualization.
- **October 15, 2024: Work Tracker UI and Lazy Loading**
 - Task: Refine Work Tracker (Progress Sheet) UI to allow seamless logging and progress updates.
 - Task: Implement lazy loading for time entry components to improve performance.
 - Task: Ensure smooth interaction between Workday-like functionality and the Kanban board.
- **October 16, 2024: Bug Fixing and Cross-Browser Testing**
 - Task: Fix UI bugs in Work Tracker and time entry forms to ensure proper data rendering.
 - Task: Improve UX for entering and submitting time logs, syncing with backend storage in real-time.
 - Task: Perform cross-browser testing to ensure UI compatibility across platforms.
- **October 17, 2024: Front-End Security and Kanban Updates**
 - Task: Implement security measures for frontend session management.
 - Task: Validate Kanban Board task updates on the frontend dashboard.
 - Task: Ensure form validations for time entry submissions.
- **October 18, 2024: Usability Testing and Final Review**
 - Task: Conduct usability testing for Work Tracker and time entry features.
 - Task: Finalize frontend user guides and documentation.
 - Task: Perform final review to ensure seamless integration with backend and Kanban board.

UI/UX Team:

- **October 14, 2024: Kanban and Work Tracker UX Review**
 - Task: Review user interface for Kanban Board and Work Tracker to ensure intuitive UX.
 - Task: Collect initial user feedback on time entry and task tracking processes.
 - Task: Conduct UI performance reviews for responsiveness.
- **October 15, 2024: UI Redesign and Mobile Optimization**
 - Task: Redesign UI components affecting the Work Tracker and Kanban Board.

- Task: Optimize UI for mobile and desktop, especially time entry forms.
- Task: Enhance user workflows for entering task progress and time logs.
- **October 16, 2024: UI Bug Fixing and Feedback Integration**
 - Task: Address usability issues in the Work Tracker and Kanban Board interfaces.
 - Task: Implement user interface changes based on user feedback.
 - Task: Ensure UI consistency with branding and design standards.
- **October 17, 2024: Responsive Design and Error Feedback**
 - Task: Collaborate with frontend team to ensure smooth integration of UI updates.
 - Task: Validate error and success feedback messages for user interactions.
 - Task: Review UI elements for consistency in task progress and time tracking features.
- **October 18, 2024: Post-Launch Feedback and Documentation**
 - Task: Finalize design documentation for Workday-like time entries and Kanban integration.
 - Task: Collect post-launch feedback for future UI improvements.
 - Task: Address post-launch UI bugs or design issues identified during testing.

Focus Areas for Week 6:

- **Kanban Board Integration:**
 - Synchronize Kanban task progress with the backend and ensure real-time updates on frontend and Work Tracker.
- **Phase 2 Work:**
 - Develop and refine Work Tracker (Progress Sheet) and time entry functionalities with a Workday-like interface for tracking time and task updates.