

OPT Portal Project Week 18 Deliverables

(January 21, 2025 - January 24, 2025)

Objective:

Continue the momentum of Phase 4 development after the holiday break by accelerating critical feature implementations and refining integration processes. Emphasize enhancing system resilience and performance while ensuring that the new team members are fully integrated and updated on project goals and priorities.

Backend Team Deliverables:

January 21, 2025: Refinement and Optimization

- **API Development:** Continue with the development of Phase 4 APIs, focusing on improving existing endpoints for Role Management and Multi-Location Volunteer functionalities.
- **Performance Monitoring:** Analyze system performance from the initial Phase 4 deployment, focusing on load handling and response times.

January 22, 2025: Integration and Testing

- **Integration Testing:** Conduct thorough integration tests with frontend and UI/UX components to ensure seamless communication between layers.
- **Database Updates:** Implement and test the newly planned database schema changes, ensuring data integrity and performance.

January 23, 2025: Collaboration and Refinement

- **Cross-Team Collaboration:** Work with the Frontend and UI/UX teams to address any integration challenges and refine backend support for front-end functionalities.
- **Security Enhancements:** Review and enhance security protocols for new APIs and data handling processes.

January 24, 2025: Documentation and Code Review

- **Documentation Update:** Ensure all documentation is up-to-date with the latest backend developments and API endpoints.
- **Code Review:** Conduct an extensive review of the recent backend code additions to maintain code quality and adherence to best practices.

Frontend Team Deliverables:

January 21, 2025: Component Development and Testing

- **Development Continuation:** Advance the development of Phase 4 frontend components, focusing on user interaction and experience enhancements.
- **Initial Testing:** Perform initial tests on newly developed components to assess functionality and responsiveness.

January 22, 2025: Integration and Refinement

- **API Integration:** Further integrate new frontend components with the backend APIs, focusing on data flow and error handling.
- **Performance Optimization:** Optimize frontend components for better performance and lower latency.

January 23, 2025: Usability Testing and Feedback

- **Functional Testing:** Conduct comprehensive usability tests to ensure all new components function as intended and meet user requirements.
- **Feedback Incorporation:** Begin incorporating feedback from early testers to refine UI elements and interactions.

January 24, 2025: Documentation and Planning

- **Documentation Update:** Update all frontend documentation with details on new components and integration strategies.
- **Planning Next Steps:** Outline tasks and priorities for the upcoming week to ensure continuous progress on Phase 4.

UI/UX Team Deliverables:

January 21, 2025: Design Refinement and Prototyping

- **Design Iteration:** Refine designs for key Phase 4 components based on initial feedback from the frontend and backend teams.
- **Prototype Updates:** Update and finalize prototypes for enhanced role management interfaces.

January 22, 2025: User Testing and Evaluation

- **User Testing:** Conduct tests on high-fidelity mockups to gauge user satisfaction and uncover usability issues.
- **Evaluation:** Assess the effectiveness of current designs in meeting project goals and user needs.

January 23, 2025: Accessibility and Compliance

- **Accessibility Review:** Ensure all new designs meet accessibility standards and compliance requirements.
- **Design Modifications:** Make necessary adjustments to designs to enhance accessibility and user engagement.

January 24, 2025: Documentation and Handoff

- **Design Documentation:** Finalize and document all design changes and updates made during the week.
- **Design Handoff:** Prepare and deliver design assets to the development teams for the next phase of implementation.