

OPT Portal Project Week 28 Deliverables

Objective: Finalize all critical development and QA tasks, ensuring stability, performance, and polish across the system in preparation for the April 12 stakeholder demo. This week focuses on pre-demo hardening, UAT readiness, regression testing, and ensuring consistent user experience across environments.

Backend Team Deliverables

March 31 – April 2, 2025: Post-Integration Validation and Hardening

- Perform **end-to-end validation** of backend APIs in coordination with frontend to ensure seamless data flow.
- Fix any **residual logic bugs** or edge cases arising from real-user scenarios or cross-team QA.
- Verify **token expiration**, **role-based access control**, and **error handling consistency** across endpoints.
- Benchmark and optimize **database-heavy endpoints** for performance under expected user load.

April 2, 2025: Load & Stress Testing

- Conduct **load tests using JMeter/Postman** to simulate high user activity.
- Identify and fix bottlenecks in API throughput or latency.
- Validate database stability and rollback mechanisms under failure scenarios.

April 3–4, 2025: Final QA Bug Fixing & UAT Support

- Prioritize and resolve bugs identified during internal QA and cross-browser testing.
- Participate in **User Acceptance Testing (UAT) kickoff**, ensuring business-critical workflows function as expected.

- Finalize **Confluence/GitHub documentation**, including data models and endpoint usage examples.
-

Frontend Team Deliverables

March 31 – April 1, 2025: Final UI Enhancements & Interaction Testing

- Refine **component-level animations, transitions**, and form validations.
- Align spacing, colors, and font styling with the latest UI/UX revisions.
- Complete integration of any **pending conditional UI logic** (e.g., state-driven buttons, modals).

April 1–2, 2025: Cross-Browser QA & Mobile Responsiveness

- Perform rigorous **QA on Chrome, Firefox, Safari, and Edge**, ensuring no functional/UI regression.
- Address **responsive issues across tablet and mobile breakpoints**, especially for iOS and Android.

April 3–4, 2025: Staging Prep & Demo Flow Validation

- Lock in the **demo flow screens**, ensuring consistent navigation and data display.
 - Conduct **frontend regression tests** using automated test suites (if available).
 - Final push of latest frontend build to staging, aligned with the latest backend version.
-

UI/UX Team Deliverables

March 31, 2025: Live Implementation QA

- Audit frontend to ensure design fidelity and visual integrity.

- Provide spot-check feedback and identify elements needing visual polish or consistency updates.

April 1–2, 2025: User Journey Simulation & Feedback Iteration

- Walk through top 3 user journeys (Admin, Student, Reviewer) to validate **end-to-end flow clarity and usability**.
- Share rapid-turnaround feedback with frontend team for quick alignment.

April 3, 2025: Accessibility Finalization

- Ensure all **WCAG 2.1 AA compliance** elements (contrast, ARIA labels, keyboard navigation) are implemented.
- Provide final checklist to PM and developers for reference.

April 4, 2025: Visual QA Sign-Off

- Approve design fidelity for demo-ready screens.
- Update design system if any new patterns/components emerged during sprint.

General / Project Management Deliverables

March 31–April 4, 2025: Time Tracking & Documentation

- Ensure 100% compliance with **Clockify logs** for effort tracking.
- Confirm all code reviews and documentation are up-to-date in GitHub, Confluence, and Figma.

April 2, 2025: Midweek Alignment & Risk Review

- Conduct a **cross-functional checkpoint** to review:
 - Remaining blockers before UAT

- Risks to demo readiness
- Tasks for hotfix post-UAT (if needed)