Project Status Report no 3

Project Information:

- **Project Name:** NBP Crasher
- **Project Manager:** Przemysław Kowalski
- **Report Date:** 10.01.2025
- **Project Duration:** 08.12.2024 – 31.01.2025

Testing Environment:

- **Operating System:** Fedora Linux (41)

Tests:

- **Scope:** manual testing
- **Time:** 1h

Management Summary:

- The integration phase of the frontend with the backend has been successfully completed.
- Frontend is now secured against exceptional situations.
- Unit tests have been added to test possible responses from our API (backend).
- The project is 80% complete.
- We are now moving to the manual testing phase and deployment (releasing the application to the production environment).
- Problem with invalid default time period selection no longer occurs.

Key Achievements:

- Successful integration of frontend and backend.
- Implementation of unit tests to cover various response scenarios from the API.
- Security measures added to the frontend for exceptional situations.

Current Status:

- **Milestones Progress:** Completed integration phase.
- **Tasks Completed:** Frontend-backend integration, unit tests implementation, securing frontend.
- **Current Tasks Overview:** Preparing for manual testing and deployment.

- **Project Completion Percentage:** 80% (includes frontend, backend development and automated testing phases)

Issues and Challenges:

- No significant issues reported during the integration phase.

Risks:

- **Risk Identification:**
    - o   Potential challenges during the deployment phase.
- **Impact and Likelihood Assessment:** Moderate impact, low likelihood.
- **Mitigation Strategies:** Thorough manual testing to ensure smooth deployment.

Upcoming Milestones and Tasks:

- Manual re-testing phase.
- Deployment of the application to the production environment.

Recommendations:

- **Strengthen Pre-Deployment Testing:** Expand the manual re-testing phase to include edge cases and stress testing scenarios. This will ensure robustness in production, especially for high-impact features like time period selection and API response handling.

Attachments:

- [Frontend phase development details](#)
- [Backend phase development details](#)