**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:**
  + 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](https://github.com/orgs/IIS-ZPI/projects/23/views/4?pane=issue&itemId=90935583&issue=IIS-ZPI%7CZPI2024_zaoczni_NBP_Crasher%7C31)
* [Backend phase development details](https://github.com/orgs/IIS-ZPI/projects/23/views/4?pane=issue&itemId=90935614&issue=IIS-ZPI%7CZPI2024_zaoczni_NBP_Crasher%7C32)