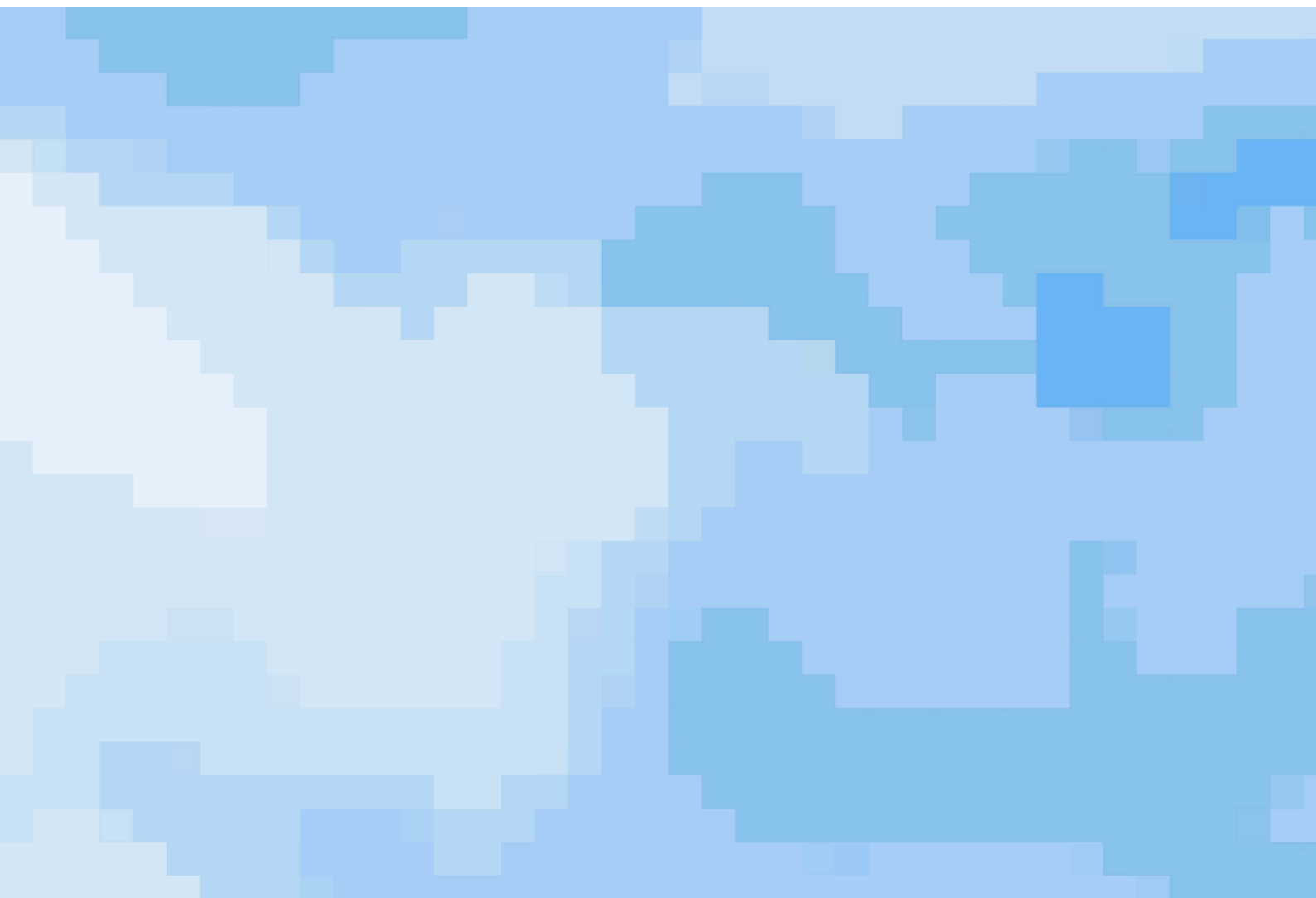# Software Project Progress and Documentation Meetings

Group: JARS with an E

Project: Napoelon's Adventures

Meeting Summary

Date: 17/02/2025
Meeting Type: Physical & Drop-In

Objective: The meeting was to assess the current status of developments in the areas of key features, especially in the login and registration system, user database functionality, and QR code generation. We also worked on Kanban refinement, discussed the requirements for prototype features coming soon, and prepared for the next big project presentation to the client. Other phases included planning integration of features pertaining to GDPR and refinements on user profile implementation.

Discussion Points

1. Progress Update on Core Features

We the technical aspects of the project, focusing on the completion of the following components:

- Pages Completed: The login, registration, landing, and main pages have been successfully designed and implemented.
- User Database:
  - The database is fully functional, allowing for efficient user data storage and retrieval.
  - User profiles are now linked to a centralized system, ensuring accessibility and security.
- Login & Registration System:
  - The login and registration functionalities have been fully integrated with the database.
  - The system allows for the same email to be used multiple times; however, usernames must remain unique.
  - Next steps include adding a password reset feature and implementing stricter validation rules for security.
- QR Code Generation:
  - The first phase of QR code generation has been successfully completed.
  - Future development will focus on linking QR codes to game actions and database entries for interactive functionality.

2. Kanban Board Review and Adjustments

In reviewing the state of the Kanban board, we noticed areas that need improvement. It was observed that certain tasks lack detail and require better task distribution. Accordingly, we decided on the following action points to address those citer issues:

- Redesigning the Kanban Board: Updating tasks to align with the structure taught in lectures.
- Ensuring Clear Documentation: Meetings should be well-documented at least every two days to maintain transparency and accountability.
- Task Prioritization: Tasks will be restructured based on urgency and importance, ensuring that critical features are completed on time.

3. Prototype Development and Feature Expectations

As we approach the prototype phase, several expectations were discussed regarding functionality and feature integration:

- Expected Features:
  - Sustainability-related game mechanics should be fully implemented at this stage.
  - Additional functionalities, such as user profile customization and GDPR compliance, must be integrated.
- Prototype Presentation Requirements:
  - A 15-minute presentation will be required to pitch the idea and demonstrate progress.
  - The presentation should showcase what has been developed so far, including a demo of core functionalities.
  - Trello and GitHub must be included either as screenshots or direct links to document development progress.
  - The Minimum Viable Product (MVP) does not need to be fully complete, but all implemented features should be functional.
  - Demonstrate how core features work, including gamification elements, GDPR compliance, and user profile management.
  - Clearly highlight team contributions, ensuring that individual roles are documented within the presentation.

4. Action Plan for Upcoming Deliverables

With upcoming deadlines approaching, we outlined the following action items:

- Kanban Board:
  - Redesign and restructure the board to ensure tasks are clearly defined and assigned.
  - Improve task descriptions to provide detailed expectations for each item.
- Review Prototype Submission Requirements:
  - Go through the prototype submission guidelines in ELE to ensure all required elements are included.
- Team Coordination:
  - Regroup and determine task priorities based on prototype deliverables.
  - Redistribute responsibilities to ensure an even workload among team members.

Conclusion

The meeting was a consolidation of what we have come to accomplish with our login system, database, and QR code generation, while learning better techniques on organization through Kanban board amendments. It also gave good headway on follow-up steps in prototype development on features like sustainability, user profile improvement, and GDPR-related compliance.

Next in line will be the finalization of the prototype such that all key functions work as they should and there is an impressive presentation of the project that conveys our progress.

Next Steps

1. Redo the Kanban board following structured guidelines and task prioritization.
2. Complete and refine prototype features related to sustainability, GDPR, and user profiles.
3. Ensure QR code interactions are properly linked to game mechanics and database functionality.
4. Review the prototype submission deliverables to confirm that all requirements are met.
5. Prepare the 15-minute prototype presentation, ensuring all team contributions are documented.

Action Items

- Kanban Board Redesign: The entire team is responsible for updating and organizing the board.
- Prototype Deliverables Review: Team members will go through the submission guidelines and ensure alignment with expectations.
- Task Reassignment: Roles and priorities will be redistributed based on immediate project needs.