**Sprint Retrospective and Progress Report 1**


**Sprint Duration:** 21st January - 30th January

**Team:** ConnectX

**Sprint Goal:** Overall, the objective of Sprint 1 was to have work completed for the conceptual design for the project, with all applicable diagrams and documentation in position to allow for future development.

**Accomplishments:** In this sprint, we completed the following items:

1. **Front-End Design:**
   - Designed FIGMA diagrams for two key pages:
     - **Dashboard Page**
     - **Plans Page**
   - The designs give a graphical view of the layout and user interface, and will serve as a guideline for future work in creating the front end.
2. **Back-End Design:**
   - Created a **Low-Level Design (LLD)** explaining the structure and behavior in the backend infrastructure.
   - Designed a **Database UML Diagram** to represent the structure and relationships in the data.
   - Designed **Use Case Diagrams** to represent a variety of user actions with the system.
3. **Documentation:**
   - Compiled complete documentation explaining purpose and function for each section of the design.
   - Documented system architecture, workflows, and expected interactions.

**Challenges Faced:**

- Getting everyone up to speed with github and jira project boards took multiple iterations but was successful.
- Streamlining the specs for design to fit with requirements for the project took several rounds.
- Maintaining ease in documentation for future use was a high-priority activity.

**Next Steps (Sprint 2 Plan):** In the next sprint, the group will work towards creating base items for the system, discussed below:

1. **Front-End Development:** Implement the front end according to completed FIGMA diagrams for planning and dashboard pages.

2. **Authentication System:** Implement and integrate authentication logic for secure access management for users.
3. **Back-End Development:** Implement CRUD API functionality, including request and response handling, according to low-level design and UML model.

**Conclusion:** Sprint 1 successfully achieved its target of completing the stage of conceptual design. The group is well placed to transition into the next sprint, with a focus towards development and execution. Whatwas developed in this sprint will form a strong foundation for a transition into the build stage.

Sprint 2 Backlog and to-do list:

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| ☐ ⌄ **SCRUM Sprint 2** 26 Jan – 4 Feb (3 issues) | | 0 **0** 0 | Complete sprint | ••• |
| 🟩 SCRUM-11 Implement Front End Based on FIGMA diagrams | TO DO ⌄ | - | 🧑 |
| 🟩 SCRUM-12 Write Authentication Logic | TO DO ⌄ | - | 🧑 |
| 🟩 SCRUM-13 Backend Crud API implementation + request resp... | TO DO ⌄ | - | 🧑 |
| + Create issue | | | |

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**Date:** 1st February