**Sprint 0 Reflection**

|  | **Team 9**  Gustavo, Jack, Bader, Linh, Sinikiwe |
| --- | --- |

**What has been accomplished?**

* Came up with an idea for the project, which is building an AI mobile application. Its main function is detecting money bills for blind, vision-impaired people.
* Set up a trello board to organize the group's to-do list.
* Set up a GitHub repository for the project.
* Documented functional requirements and non-functional requirements.
* Designed the general flow, which shows every step the application would operate.
* Decided on a meeting schedule, weekly plans, and communication channel.
* Created a design document that highlights the UI infrastructure through skeletal designs, UML diagrams, while also summarizing the specific design rationale.

**What went well?**

* Communication within the group is present among all members.
* Idea generation regarding the app was informative and provided room for additional functionality.
* Each team member contributed to the decision making process.

**What can be improved?**

We need to develop a better understanding of the project's framework, and once we do so the design document will continue to evolve. Additionally, because everybody is human and busy, some meetings were kept and some were not; the goal for us moving forward is to commit to showing up on time or to set new meeting times that align with that goal of timeliness.

**What is the focus of Sprint 1?**

In Sprint 1, our team focuses on the application design, which includes UML diagram, Entity Relation diagram, Architecture diagram, UI design.

Additionally, the focus of sprint 1 will be to decide what frameworks will be used for development. Some options have already been considered but further research will be done in sprint 1, along with the final decision being made. Since this app is a mobile app, we will then move on to familiarizing ourselves with mobile development tools and the frameworks that are chosen. After this, the team will focus on starting development and attempt to work on a functioning prototype of the app.

Team members who are unfamiliar with object recognition using machine learning will do research to see how to best implement it into our mobile app. We will familiarize ourselves with the process an algorithm takes to recognize an object such as a dollar bill. If given enough time, we will start contributing to our Git repository and lay out a framework with comments and pseudo code.