**Week of February 24th:**

**Progress Overview:** During this week, our team focused on establishing the foundation for our project. Below are the key accomplishments:

1. **Setup and Integration:**
   * The software and hardware requirements for the project were identified and determined.
   * The initial setup of the development environment was successfully completed.
   * Tools and libraries were integrated to facilitate research and data processing tasks.
2. **Research Paper Review:**
   * Research papers and citations related to the current topic, as well as related topics, were searched.
   * A review of relevant research papers was conducted to gain insights into existing methodologies and approaches.
   * Key techniques and best practices applicable to our project were identified.
3. **Initial Data Processing:**
   * Processing of the AffectNet dataset was initiated to prepare it for analysis and model training.
   * Preliminary data cleaning and exploration were performed to understand the dataset's structure and characteristics.
4. [GitHub Code link](https://github.com/Capstone-Project-CCNY/AI-Driven-Mental-Disorder-Detection-)
5. [JIRA board](https://dsalimkumar.atlassian.net/jira/software/projects/SCRUM/boards/1/backlog)

**Next Steps:**

* Continue refining the data processing pipeline.
* Explore additional datasets to complement AffectNet.
* Utilize IEEE resources for enhanced research.
* Begin experimenting with baseline models informed by insights gained from the research papers.