William Hiatt
Deven Biehler
Gabe Matthew
Sprint Report 1
Sprint Dates: January 24th - February 17th

The backlog for sprint 1 consisted of create/submit project report intro, create problem statement, select starting events for learning, research how human bias detection is done, find data to use, research similar projects, decide on how labels will be created, contextualize the problem, develop functional requirements, develop non functional requirements, submit bio section for project report, and submit bio section, create beginning of sprint report 1, and background/related work for project report.

This backlog was selected for sprint one as the main goal for the sprint was to get a good idea of the scope of the project while also looking into similar projects and methodologies already out there. Because of the nature of the project this sprint was heavily focused on research with the more tangible items being documents that the team needed to create.

Assigned Tasks

William: create/submit project report intro, research how human bias detection is done, select starting events for learning, and create beginning of sprint report 1.

Gabriel: develop nonfunctional requirements and spike stories, create problem statement, and submit bio section for project report, research tools and other professional models, sprint 1 report details.

Deven: submit bios section and background/related work for project report, functional requirements, and research similar projects.

Sprint Task Details

William Hiatt Sprint Task Details

Task: Create and submit project report
Implementation: Wrote the intro and then gathered other members sections and compiled it into one document before submitting the report.

Task: Research How Human Bias Detection Is Done
Implementation: Researched how bias detection is currently done and found out the pro's and con's of the current methods.

Task: Select Starting Events for Learning
Implementation: Blocked until next meeting with Iain as Iain has mentioned that he has data and the group needs to find out what this data is.

Task: Create starting point for sprint 1 report

Implementation: Created the beginning of the sprint report 1 and also compiled other members contributions and submitted the report.

Gabriel Sams Sprint Task Details
Task: Develop a problem statement and highest-level solution description of the project.
Implementation: Created a google document that was presented to the client who reviewed and approved it.

Task: Research successful media bias detection models for information about our current project.
Implementation: Found several successful business models, including Allsides, MediaBiasFactCheck, MIT research tools, and others. Researched relevant information and tools from these sources that can be applied to our project.

Task: Develop NFRs for the model, and help develop user spike stories.
Implementation: Developed 5 NFRs that are necessary for the proper function of our tool. Wrote and revised them to be put into the project report. Also developed 4 user spike stories along with the team.

Task: Research starting Sentiment Analysis models for text content analysis and implement them to see which tool we want to start with.
Incomplete: Currently at the end of researching, we have gathered multiple free tools for potential use that we will begin implementing in the second sprint.

Task: Develop the sprint 1 report details.
Implementation: Along with the team, we developed a sprint 1 report which catalogs the work we did on our first Agile sprint. This includes sprint details of each team member, as well as the backlog and tasks finished.

Deven's Sprint Details
Task: Write background/related work for project report
Implementation: Wrote and revised Background/Related work in the project report. Our project report included our motivation for the project and talked about work that inspired the project's design.

Task: Functional requirements
Implementation: Developed 5 functional requirements that are necessary for the technical functionality of our tool. Wrote and revised them to be put into the project report.

Task: Research similar projects
Implementation: Analyzed many sources regarding media sentiment analysis done in recent years. This allowed us to understand what is possible and to understand the research that we need to do.

Task: Create GitHub Projects kanban board with issues
Implementation: Moved all current and future plans into GitHub Projects to visualize the entire project easier. Having our tasks in GitHub Projects means we can easily tag the work that needs to be reviewed. It also lets us see tasks ready to be worked on, giving us higher productivity. Lastly, we will be able to see all of the work completed at the end of each sprint, helping us assess and review the overall work done.

Task: Write Sprint 1 details for Deven
Implementation: Wrote and revised my sprint details for the last month of work. This included expanding on the tasks: write background/related work for project report, functional requirements, research similar projects, and create GitHub Projects kanban board with issues.