

Engineering Notebook Spring Semester 2024 Pt. 1

Hamilton Henneberg

1/11/2024: Semester Kickoff

Today marked our return from winter break. We met in the auditorium to discuss our goals and expectations for the semester with our professors. It was a good chance to review what worked well last semester and what we can improve on. Looking forward to our group meeting next week to dive deeper into our project plans.

1/16/2024: Group Coordination

We got together today to sync our schedules for the semester and brainstorm our project vision. It was productive to assign roles and responsibilities among the team members. Excited to see our plans come to life!

1/25/2024: Project Exploration

Today, we delved into researching various Microblaze projects to get a better understanding of our options. Each of us is checking out different projects to broaden our knowledge. Can't wait to see what we all come up with!

1/30/2024: Technical Hurdles

Started working on my project today but encountered some issues generating the bitstream. After troubleshooting, I finally got it sorted out. A small victory in the grand scheme of things!

2/1/2024: Refinement and Preparation

Today, we fine-tuned our project plans and prepared for our upcoming presentation. Some of us continued working on our projects, while others brainstormed ideas to enhance our presentation.

2/6/2024: Troubleshooting and Presentation Prep

We ran into some installation issues with Vivado 2018.3, which affected our FPGA programming. After identifying the problem, we got it fixed. Also, started dividing tasks for our presentation among the team.

2/8/2024: Successful Presentation

We delivered our presentation today without any hiccups. It was rewarding to showcase our progress to our professors.

2/13/2024: Evaluations and Planning Ahead

Completed our peer evaluations and then discussed our next steps. We brainstormed ideas for our upcoming tasks.

2/15/2024: Task Assignment

Finalized our backlog for this sprint and assigned tasks to each team member. Excited to work on adding new components to our Microblaze design and improving our web interface.