

Team Name: sdmay21-05

Team Members: Dillon Peters, Parker Bibus, Jamie Peterson, Jake Aunan, Aidan Sherburne, Brett Santema

Report Period: Sept 28-Oct 11

Summary of Progress in this Period

- Met as a team, discussed project progress
- OpenCV chessboard pattern detection jupyter notebook
- Completed team task list and Gantt chart
- Experimented with CV pre-trained models
- Made progress on the second deadline for the design document
- Received and tested Vuzix Blade
- Began work on team website
- Create Android Studio project, gitignore, git branch, etc.
- Import Vuzix Blade hardware profile into Android Studio
- Ordered a traditional chess set for CV testing, model training
- Wrote 90% of Design Doc. Chapter 3
- Wrote 75% of Design Doc. Chapter 4

Pending Issues

- Creating datasets/models for CV board state determination
- Need to pick up chess board from ETG

Plans for Upcoming Reporting Period

- Complete the second deadline (Chapters 3&4) for the design document
- Create and standardize formatting of instructions/documentation
- Create CI/CD Pipeline in GitLab
- Begin working towards our first demo
- Continue work as outlined by the Gantt chart