

CAACC: Challenges and Lessons Learned

Challenges:

- Writing code that is easy for everyone in the group to understand
- Making sure that our individual code integrated well with each other's code
- Debugging the server/client threading code
- Adjusting the Negamax search algorithm (used in AI) to work with Hnefetafl
- Estimating the scope of a project / estimation of how "big" a use case story is (how long it will take)

Lessons Learned:

- Design artifacts should be continuously evolving, rather than a static view of how the project should be
- Frequent communication between team members is paramount; without this, you risk a desync where not everyone is on the same page
- Working with a group composed of members with various skill levels in different domains is complimentary for everyone. The people who know less learn new skills and people who know more can keep the project on track through difficulties
- Documentation is time-consuming, but ultimately worth it when interacting with each other's code