

CSC420 – Progress Report¹

Make a copy of this progress report, then complete it. Submission instructions and a grading rubric are included below.

Your name: Sam Villahermosa

Date: Feb 21, 2023

Progress Report

- **Accomplishments:** What did you accomplish since the last class meeting, the last progress report, or since you started the project? If you didn't complete anything since the last report, enter **N/A**.

Instead of creating a master class for the pieces and tiles, I created packages and stored classes inside of them. It is easier to use classes with each other this way and makes the project files more organized. I created a package for the board, pieces, and game. So far, I have most of the code for the pieces written, have worked on the board class, and started working on the Board interface. I have the basic layout for how I want the game to run and look.

- **Future Goal:** What do you plan to accomplish before our report? These plans should be related to roadblocks or discussion points. If you plan to change direction, explain why.

I plan to accomplish finishing all of the GUI with the start screen and corresponding buttons. I also plan to finalize the code for my pieces and board. My main goal, however, is to finish the game class, which will incorporate all of the classes I have worked on so far.

- **Challenges:** What are your current roadblocks?

My current roadblocks are implementing en passant and pawn promotion of chess. I am also unfamiliar with how to implement screens and have a proper interface. I have watched videos on other projects about how to create start screens and have sounds playing when a button is clicked.

The biggest challenge now is writing the game class to finish the game and apply all of the rules with chess. I created a basic outline for the game so far to help with this.

- **Desired Discussion Points:** Do you have any desired discussion points that are not related to roadblocks?

I use Eclipse IDE and I have struggled with committing my work onto github because of an error. I tried logging in with my account, but it doesn't accept it. I am sure I am entering the correct credentials but the issue might be elsewhere.

I also have not started thinking about how I can add an AI bot to play against the user.

Submission to your Project github repository

1. Download the completed report as a PDF
2. Give your PDF a unique name, for example: **2023-02-21-progress-report.pdf**, obviously change the date as appropriate.

¹ This progress report is based on a Weekly Progress Report created by Dr. Nakazawa for CSC493

3. Add the PDF to your Project github repository, add it, commit it, and then push it by the due date listed in Moodle.

Rubric:

The following rubric will be used, but they might change as needed.

Accomplishments (3 points)

1 point for a general description of progress, 2 points for specifics on progress, 3 points for specifics AND referring to previous targets and explaining how currently accomplishments build on previous ones.

Challenges (3 points)

1 point for mentioning there are roadblocks, 2 points for specifics, 3 points for specifics AND what was done already to try to overcome them.

Desired discussion points (2 points)

1 point for at least one relevant discussion point as a general question, 2 points for relevant discussion points with specifics

Future Goals (2 points)

1 point for concrete future targets (i.e. "working more on the project" is a zero, but "working on getting component X to interface with component Y" suffices), 2 points for tying in the targets with what was hopefully discussed in the meeting.