

CS-152 Final Project Proposal

Spring 2023

Team members (First one will be the leader):

Milena Loper
Spencer Fiden
Natalie Brauch

Title of the project:

Picross Maker (better name pending)

Provide a brief description of the project by answering the following questions:

1. What is the main goal of the project? Describe in detail what will be implemented and accomplished?

The main goal is to create a program in python in which users could create pixel art and turn it into a picross puzzle (which could be printed out and solved)

2. What are potential resources related to your project (website, books, articles software).

Other picross related programs (there are many on the internet)

3. What are the planned activities? Include a rough timeline and task division among team members.

- a. create a structure for the picross grid
- b. create algorithms to edit the grid (i.e. add or remove squares, calculate the groups)
- c. create a visual interface for which to edit the grid
- d. create algorithm to export the grid as a printable file (if possible)

we want to work together as much as possible, we will start with a prototype in colab because it is better for collaboration and move it to github/vscode when we need to.