### - Amazing Game

- Fields
  - Score
  - Game over?
  - Player
  - Maze
- o Main
  - Read any input vars
  - Create Maze
  - Create Player
  - Run Game
  - Update Score
  - Clear Game
- o Getter/Helper Functions

### - Maze Generator

- o Fields
  - isSolvable
- GenerateMaze
  - Algorithm
- o Check Solvable

### Maze

- o Fields
  - Graph
  - Player
- Create Maze
- o Read Input
- o Update Player Location
- o Check Reached end

#### Player

- o Fields
  - Name
  - Character
  - Location
- o Getter/Helper Functions

## - Input Scanner

- o Fields
  - Keys pressed list

# - GUI Manager

- o Update Frame
- o Buttons etc.
- Graph → Nodes → Edges etc.

