

**Bound**

Artificial Intelligence 2022/2023

**First CheckPoint**

**Group 17**:

Luís Filipe Pinto Cunha , [up201709375@up.pt](mailto:up201709375@up.pt)

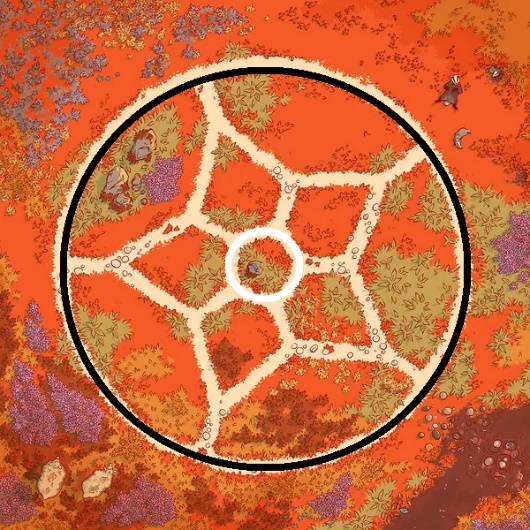
Inês de Magalhães Garcia , [up202004810@up.pt](mailto:up202004810@up.pt)

Henrique Correia Vicente , [up202005321@up.pt](mailto:up202005321@up.pt)

**Project Specification:**

***Bound*** is a two player strategy game normally played on a single sheet of paper.

- First, the oldest player places 4 black pieces in the outer circle, while the youngest player places 4 pieces in the middle hexagon.



-Each turn, move one of your four standing stones in an attempt to encircle an opponent's stone.



**-In the end, whoever manages to encircle the opponent, making it impossible to change a piece, wins.**



**Implementation work already carried out:**

**Programming language:** Python , with visualization using pygame package.

**Development environment:** Visual Studio Code, GitHub.

**Data Structures:** Nodes and Graphs.

**Reference and Materials:**

- <https://boardgamegeek.com/boardgame/375975/bound>

- Python,with pygame package.

- Visual Studio Code, GitHub.