SELF LEARNING CARS AI

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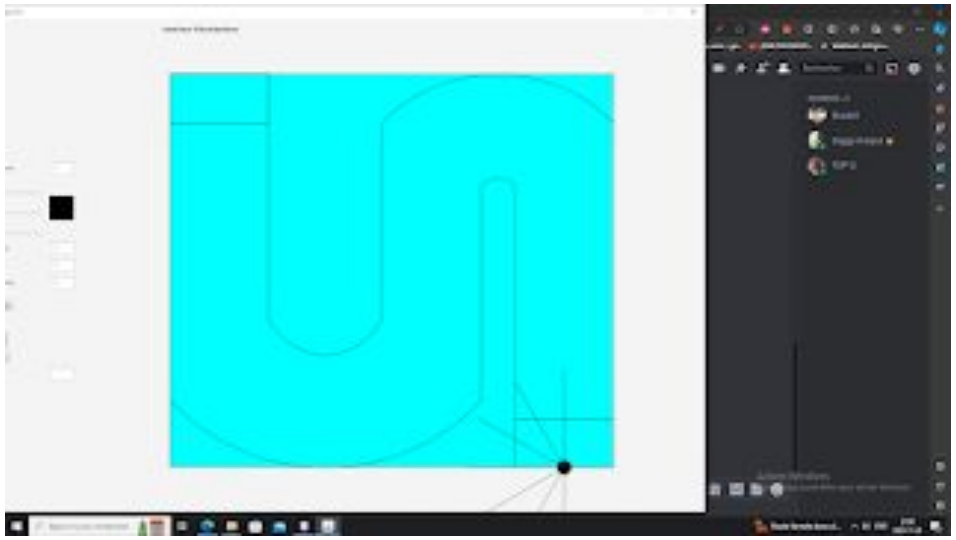
GOAL OF THE PROJECT

- Explore javafx's user interface
- Use knowledge from other scientific classes
- Give the user multiple input choices
- Personal goal: learn about neural networking

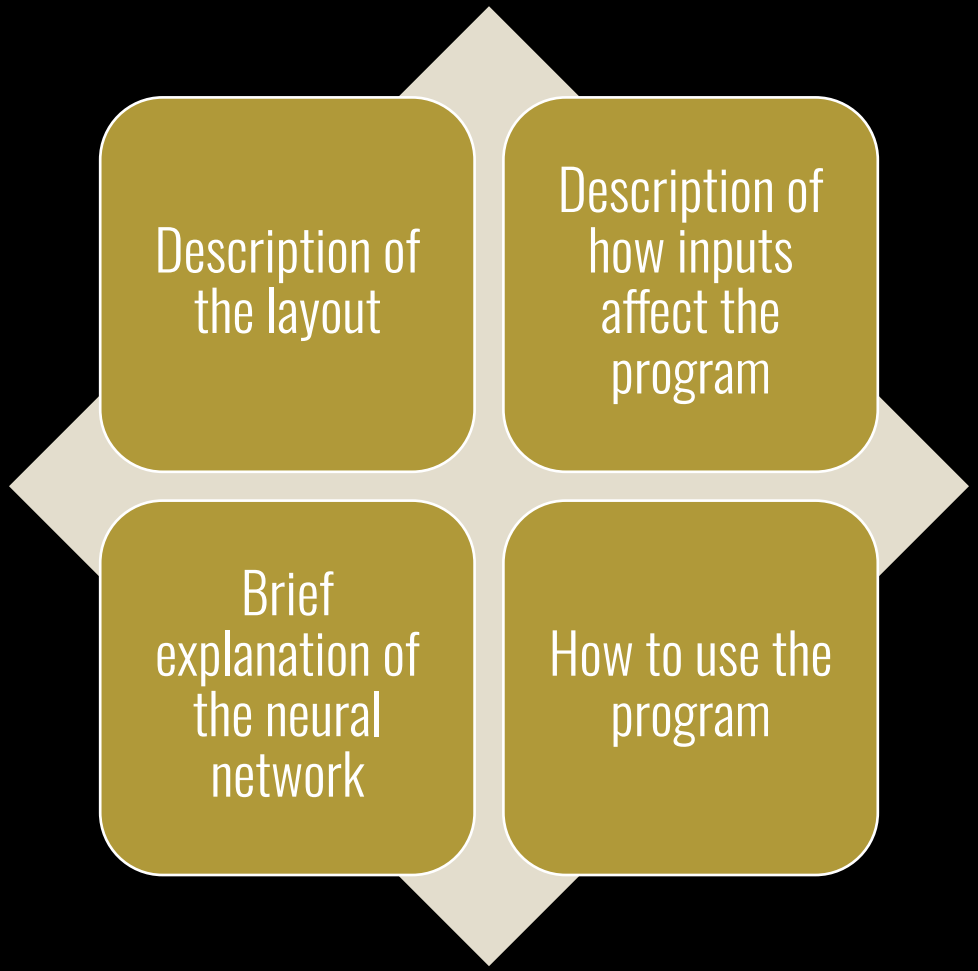
HOW IT STARTED

Early designs :

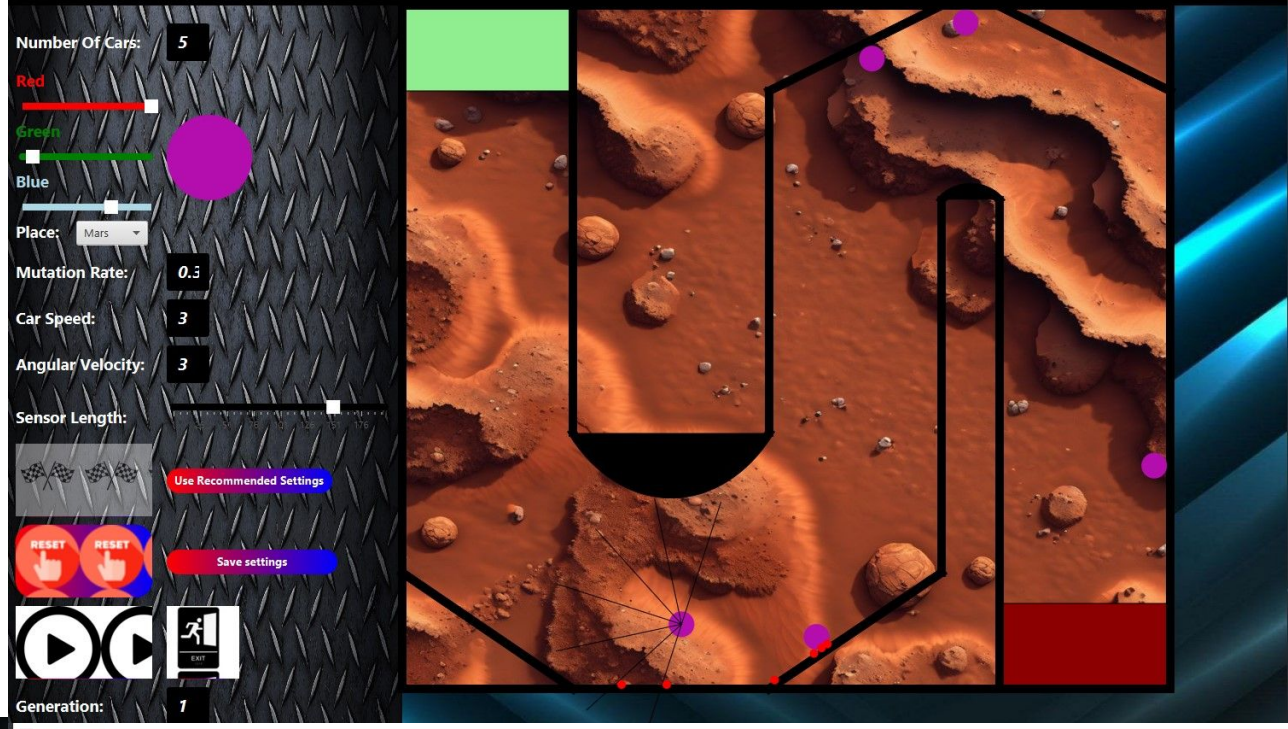
“The AI does not hate you, nor does it love you, but you are made out of atoms which it can use for something else.” - Eliezer Yudkowsky

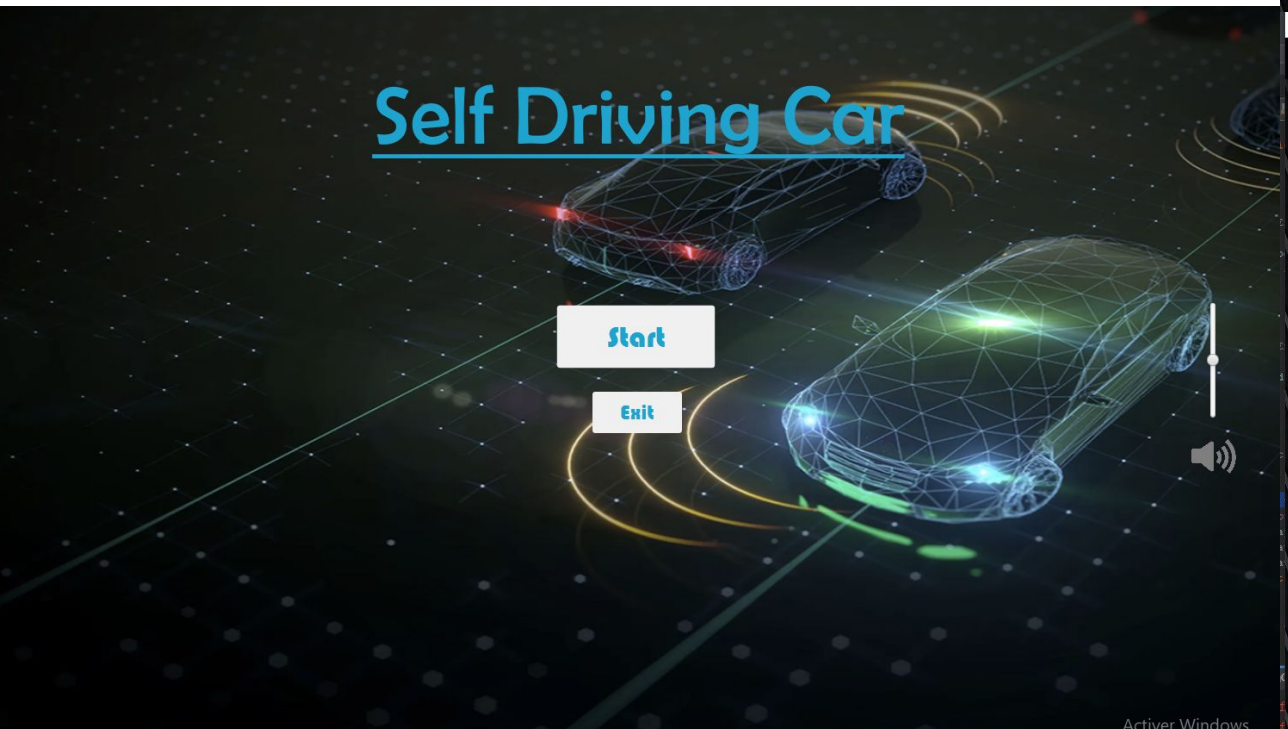


FINAL VERSION



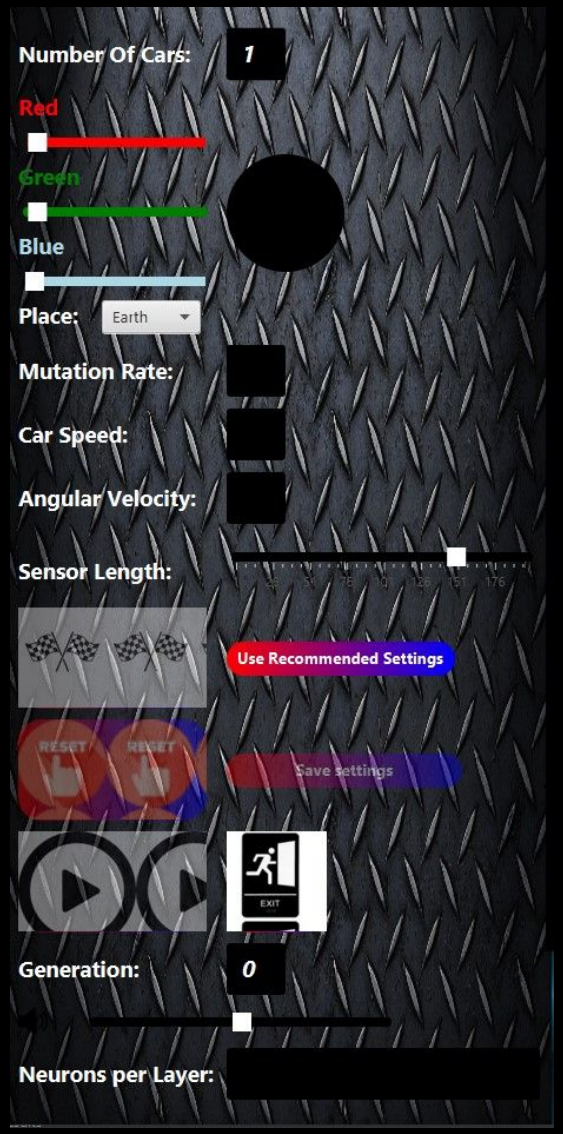
LAYOUT


Number Of Cars: 5
Red
Green
Blue
Place: Mars
Mutation Rate: 0.3
Car Speed: 3
Angular Velocity: 3
Sensor Length:
Use Recommended Settings
RESET
RESET
Save settings
EXIT
Generation: 1

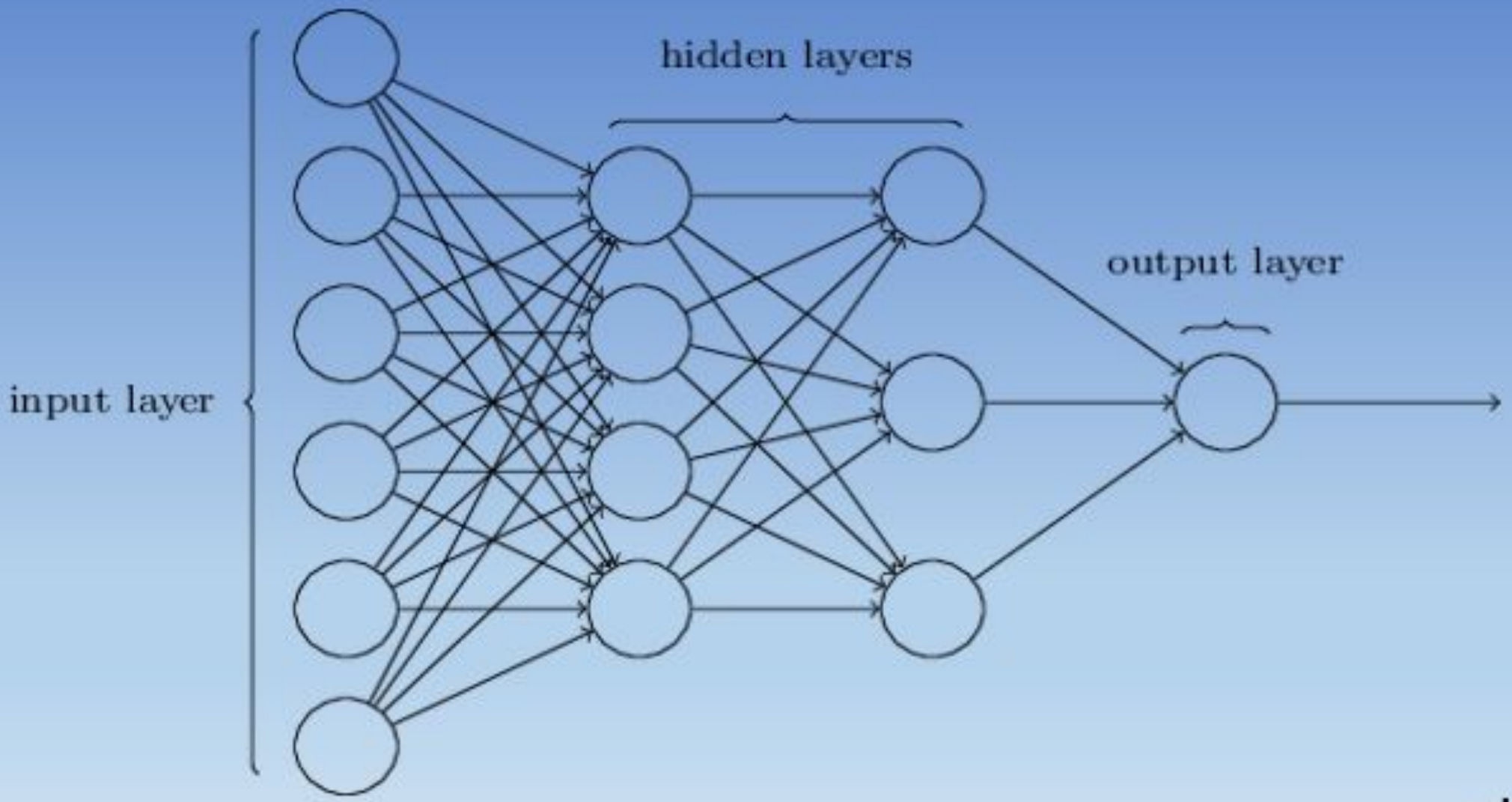

Self Driving Car
Start
Exit


Self Driving Cars
File
Help
Number Of Cars: 5
Red
Green
Blue
Place: Earth
Mutation Rate: 0.3
Car Speed: 3
Angular Velocity: 3
Sensor Length:
Use Recommended Settings
RESET
RESET
Save settings

USER INPUTS AND HOW TO USE THE PROGRAM



Classification of Neural Networks




DEMO OF THE
PROGRAM

QUESTIONS?


THANK YOU FOR
LISTENING