Wumpus World
2015
Schedule of Check Points

Week 1:

Preparation (5 pts): Get the software installed.

Week 2:

High-level Cognitive Architecture (5 pts): Present a very rough architecture/algorithm for solving the Wumpus World challenge. I am not looking for actual code, but rather a high-level description of the robot's workings in pseudo-code, flow-chart, or plain English.

Documentation (5 pts): Have the basic website welcome screen with facilities for adding logs, comments, pictures, videos, etc.

Week 3:

Cognition (5 pts): Have the algorithm fleshed out in enough detail so that it is clear/determined exactly what the robot is going to do given any arbitrary board as chosen by the Wumpus Master

Meeting 4:

Basic Movement (5 pts): Have the robot move forward until it hits a white line.

Movement (5 pts): Have the robot do a 'figure 8' on the board, ending up in its starting square. Whenever it turns inside a square, it should stay within the lines of the square.

Communication and Movement (5 pts): Use the Wifi to remote control the robot, i.e. have different signals represent different commands 'up', 'down', 'left', and 'right'. The robot should follow the commands, while staying in the squares.

Cognition (5 pts): Have the algorithm developed to a point where it can correctly solve an 'easy' Wumpus Puzzle

Meeting 5:

Documentation (5 pts): Have the following ready: Name for robot, logs up to this point, some pics and videos documenting design choices, changes, failures, etc., team bio's and pics, and description of the Wumpus World.

Integration (5 pts): Have the robot solve an 'easy' Wumpus Puzzle.