Team Members:

Alejandro Cossio Olono

Zixuan Hu

Akshit Arora

Responsibilities:

Akshit worked on the GUI

Alejandro worked on the Model and the tests

Zixuan worked on the database

Total Hours:

Akshit: 74hrs

Alejandro: 71hrs

Zixuan: 72hrs

There were a number of problems to overcome in the project including connection of the database, model, and GUI together among other things. One major problem area was that of the serialization of the project. Initially we tried following the implementation of serialization demonstrated in class, however that proved to be something that would apply to our project as our file structure and organization required a more in-depth approach. In addition, another issue was that of the backtracker’s implementation. The backtracker had an original goal of determining whether certain movements were possible in the maze and whether reaching the end was possible at any given room in the maze. This required a lot of traversal through the maze and the keeping track of paths traveled and potentially traveled.

There are no shortcomings that our project has to our knowledge.

In regards for extra credit, we feel that the additions of a loading screen, congratulations screen, background color change capability, and our questions are randomly generated in the maze.

Video

<https://drive.google.com/file/d/16tbwZobYFtmq9-F3C5kmHZZ07cY_ZKjM/view?usp=sharing>