10. Ibarra Gaona Ronny Joel

OLD

Maze
-levels

Path
-lenght

Entrance Room

Room
-levelRoom
-numberOfDoors

Exit Room

Corner

Wall

Door
-material

Exterior Wall

UML MazeGenerator
Ronny Ibarra

NEW

UML MazeProblem
Ronny Ibarra

Maze
-weight : int
-height : int

has

has

Path

Door

1...2

1

Room
-DoorNumbers : int
-WallNumbers : int

Wall

1

Exterior Wall

1

Entrance Room

1

1...4

Corner

Exit Room
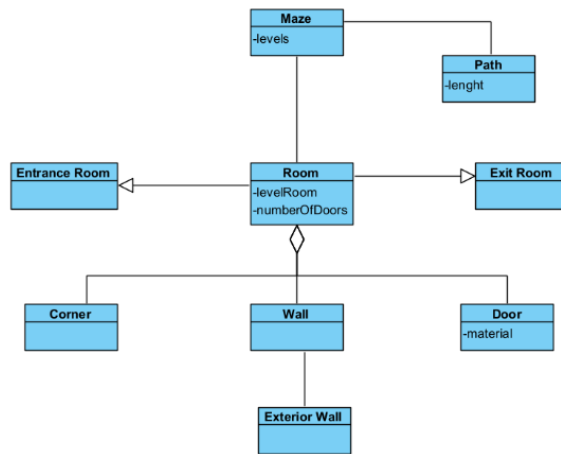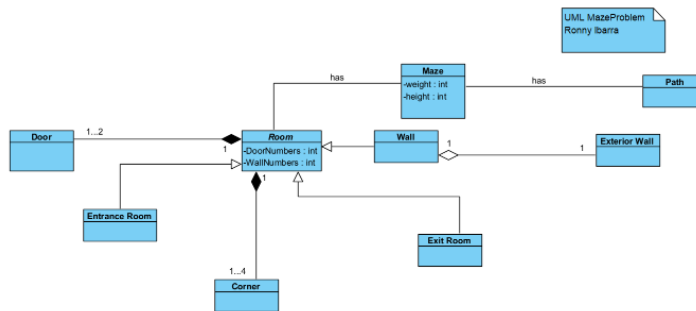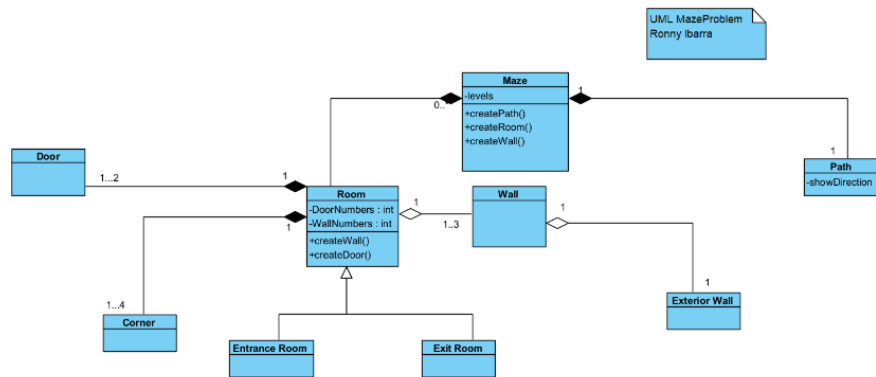
UML WITH METHODS

UML with Methods and Abstract Class