



University Of Information Technology And Sciences (UITS)

Project Proposal

Course:

**Artificial Intelligence Lab
CSE312**

Project:

— Maze Solver

Submitted To:

**Fatema Tuj Tarannom Esty
Lecturer, Dept. of CSE , UITS**

Submitted By: Group 7

Zobayer Hasan - 2215151106

Md Tanveer Ahammed Tarek - 2215151109

Mohammad Shakibul Hassan Sakib - 2215151115

CSE 51 (5C1)

Project Proposal

Project Title: Maze Solver

Objectives:

- Finding better solution that is shortest path in least amount of steps for a maze
- Understanding optimality of BFS and DFS in different types of maze

Features:

- Takes a text file as Input which includes the maze as text
- Solves Maze Using Different DFS and BFS algorithm
- Indicates Shortest Path
- Calculates steps needed to reach starting to goal point
- Shows the explored routes

Used Technologies:

- Python
- Python Pillow Module