

DTU



TECHNICAL UNIVERSITY OF DENMARK

02285 ARTIFICIAL INTELLIGENCE AND MULTI-AGENT
SYSTEMS

Mandatory Assignment 1

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Introduction

This assignment is about path finding in a randomly generated environment. The assignment is an introduction to a larger project with multi-agents.

Problem Analysis

Being able to find paths in a known environment is easy. However if an agent is dropped into an unknown environment you have to map the environment first in order to be able to find paths in the environment. The most interesting part of this problem is exactly that.

Solution

Results