## Undergraduate Programmes - Individual Post-Module Assessment Report

**Module code, initials and date:** WM275 Machine Intelligence

**Name of marker:** Manoj Babu

| Awarded Mark<br>(please note that this does not include late penalties, which will be applied to the mark in Tabula) |
|---|
| 66 |

***NOTE: The mark recorded is subject to review by the Board of Examiners.***

Please note: while each PMA is marked against assessment criteria that are specifically designed to evaluate that assignment, the descriptors listed on the following webpage will help you to interpret the mark awarded to your work:

https://warwick.ac.uk/services/aro/dar/quality/categories/examinations/marking/ug2017/

### Module Learning Outcomes

The tutor has indicated below if you have achieved the module learning outcomes. They can be "Met", "Partially Met" and "Not Met".

| Learning Outcome | Status |
|---|---|
| Define an intelligent agent and comprehend behaviour of agents | Met |
| Explain the difference between simple and complex decisions | Met |
| Solve problems using searching and exploration techniques | Met |
| Apply different forms of learning techniques such as decision trees and logical hypotheses of learning | Met |
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Please note: some module learning outcomes may be addressed by other assessments or in-module work.



## Individual Comments

The tutor has provided specific comments on your work below and they may have provided an annotated script.

| Strengths & Areas for Improvement |
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| Student: 1921983<br>Written Report (70%):<br>Report formatting is good and has all necessary components.<br>Answers to questions in Section 1 are partially correct. Steps/calculations to arrive at answers for questions in Section 1 are partially shown. Answer to Q3 is incorrect, the correct answer is 0.933. P(+r,+c) is wrongly calculated.<br>Attributes of the decision tree are clearly explained. The decision tree is clear and utilises all attributes.<br>Decision tree and decison boundary for Data 1 are partially correct. Decision tree and decison boundary for Data 2 are partially correct. Rules at decision nodes follow specified instructions. All answers are correct, however the decision boundaries illustrated are not correct. They do not form a box as illustrated, regions on the ends would extend to infinity.<br>Answers to Q1 in Section 3.1 are correct. Priority queue could have been described in further detail, for instance by describing its pop, update and push methods. Answer to Q3 is correct.<br>Code Part (30%):<br>Code is submitted. The code throws no errors when run.<br>DFS algorithm is correctly implemeted. The case of find no solution could have been handled better.<br>BFS algorithm is correctly implemeted. UCS algorithm implemented is partially correct. There is an error while considering the path cost to add to the priority queue.<br>Code is clearly commented throughout and shows good understanding of the code. |
| **How to improve** |
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| **Document structure, grammar, referencing** |

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| **Anything else** |
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