

Group Assessment Contribution Form

Form No.: 1

Course: Introduction to Artificial Intelligence

Project/Assignment Title: Tree Based Search

1. Group Members:

Please list down all members of the group, including yourself:

1. Name: Truong Ngoc Gia Hieu, Student ID: 105565520
2. Name: Huynh Trong Hieu, Student ID: 105551833
3. Name: Duong Nguyen Dang, Student ID: 105508444
4. Name: Pham Nguyen Minh Hoang, Student ID: 105543500

2. Team Task & Contribution Log

To be completed and signed by all group members. This section documents the specific tasks each member was responsible for and provides evidence of their work. All members must reach a consensus on the described contributions

| Group Member | Tasks |
|------------------------|---|
| Truong Ngoc Gia Hieu | <ul style="list-style-type: none">- Write Assignment Requirements, Develop Framework, A* Search description.- Code for BFS- Perform final logic and grammar verification. |
| Huynh Trong Hieu | <ul style="list-style-type: none">- Write the Practical Application part, Depth-First Search (DFS) implementation,- Write UCS2 description and finish Part B. |
| Duong Nguyen Dang | <ul style="list-style-type: none">- Write Team Introduction and Core Components- Write benefits and drawback, GBFS description, and the Conclusion part. |
| Pham Nguyen Minh Hoang | <ul style="list-style-type: none">- Write the Problem Statement, the Mechanism Workflow, and Breadth-First Search (BFS) description,- Write Uniform Cost Search (UCS) description, and Write Acknowledgements. |

3. Team Member Contributions:

As a group, discuss and evaluate the contributions of each team member in the table below. The final evaluations **must represent a consensus** agreed upon by the entire team.

| <i>Group Member</i> | <i>Contribution (100% in total)</i> | <i>Quality of Work (1-5)</i> | <i>Timeliness (1-5)</i> | <i>Collaboration (1-5)</i> |
|------------------------|-------------------------------------|------------------------------|-------------------------|----------------------------|
| Truong Ngoc Gia Hieu | 100% | 5 | 5 | 5 |
| Huynh Trong Hieu | 100% | 5 | 5 | 5 |
| Duong Nguyen Dang | 100% | 5 | 5 | 5 |
| Pham Nguyen Minh Hoang | 100% | 5 | 5 | 5 |

Contribution and Grading Policy:

1. **Normal Grade:** Members contributing 33% or more will receive the full project mark.
2. **Penalty:** Members contributing less than 33% will incur a penalty. Their grade will be calculated as follows:
 - $(\text{Contribution Percentage}/33) \times \text{Group Mark}$

Example: If the total group mark is 15, and a member contributes 20%, their grade will be $(20/33) \times 15 = 9$

Gia Hieu's Signature



Trong Hieu's Signature:



Nguyen Dang's Signature:



Minh Hoang's Signature:

A stylized, handwritten signature in gold ink, consisting of several fluid, overlapping strokes.

Date: Feb 26th, 2026