

ARTIFICIAL INTELLIGENCE VS HUMAN: WHO WINS THE BOARD GAME

Minutes

Date/Time: Friday 12th April 2021, 1:00 pm (Australian Central Daylight Time)
Location: Zoom: [833-5515-3796](https://au.adelaide.edu.au/join/83355153796) Password: LAUS
Present:
Supervisor: Prof. Peng Shi;
Advisors: Xin Yuan and Yang Fei;
Group members: Zichen Hao(Chair) and Zhuoran Yang and VigneshrajPerumal Raja(Secretary).

1 Meeting started at 1:00 pm

2 Apologies

Prof. Peng Shi was not available to attend the meeting.

3 Minutes of the last meeting

Friday 05th March 2021, 1:00 pm -1:30 pm (Australian Central Daylight Time), 30 mins.

4 Actions arising from the last meeting

Action	Assigned to	Status
Work on algorithms and apply it to five-in-a-row and get demonstrations	Viki and Zhuoran	Ongoing
Code for five-in-a-row game environment	Zichen	Completed
Corrections in system structure	All	Ongoing

5 Status report

5.1 Report from each team member

Viki explained the Minimax working with demonstrations. Zichen helped Viki and Zhuoran with five-in-a-row environment. Zhuoran explained about the AB pruning working with demonstration.

5.2 Other activities

Students had some doubts about the algorithm taking lot of time to give an output. Advisors gave them a detail idea about it.

6 New Business

Not apply, leave this section for the next meeting

7 Supervisor's feedback

Vernon suggested to check with two/three rows for each turn which will reduce the time consumption and asked to try saving the search result that helps in further turns. Once all set, he advised to remove the printing option that results in time saving.

8 Next meeting

The next meeting will be held at 1 pm on Friday, the 19th of April.

9 Actions

Try applying Vernon's idea to the algorithm and complete the system structure.

10 Meeting closed at 1:30pm

ARTIFICIAL INTELLIGENCE VS HUMAN: WHO WINS THE BOARD GAME

Minutes

Date/Time: Friday 19th April 2021, 1:00 pm (Australian Central Daylight Time)

Location: Zoom: [833-5515-3796](https://au.adelaide.edu.au/join/83355153796) Password: LAUS

Present:

Supervisor: Prof. Peng Shia

Advisors: Xin Yuan and Yang Fei;

Group members: Zichen Hao(Secretary) and Zhuoran Yang and VigneshrajPerumal Raja (Chair).

1 Meeting started at 1:05 pm

2 Apologies

Prof. Peng Shi was not available to attend the meeting and Zhuoran could not attend because of the high fever.

3 Minutes of the last meeting

Friday 12th March 2021, 1:00 pm -1:30 pm (Australian Central Daylight Time), 30 mins.

4 Actions arising from the last meeting

Action	Assigned to	Status
Work on algorithms and apply it to five-in-a-row and get demonstrations	Viki and Zhuoran	Ongoing
Corrections in system structure	All	Completed
Demonstrations with the heuristic search	All	Ongoing

5 Status report

5.1 Report from each team member

All are trying to apply heuristic search in the algorithms and did not get any demonstrations yet.

5.2 Other activities

None.

6 New Business

Discuss about the final paper, unused budget and the seminar.

7 Supervisor's feedback

Vernon suggested to give the demonstrations next week with the heuristic search. We would discuss about the final paper and seminar, and the unused budget.

8 Next meeting

The next meeting will be held at 1 pm on Monday, the 10th of May.

9 Actions

Apply heuristic search to the algorithm and prepare the final paper and seminar.

10 Meeting closed at 1:30pm

ARTIFICIAL INTELLIGENCE VS HUMAN: WHO WINS THE BOARD GAME

Minutes

Date/Time: Friday 10th May 2021, 1:00 pm (Australian Central Daylight Time)

Location: Zoom: [833-5515-3796](https://au.adelaide.edu.au/join/93355153796) Password: LAUS

Present:

Supervisor: Prof. Peng Shi;

Advisors: Xin Yuan and Yang Fei;

Group members: Zichen Hao(Chair) and Zhuoran Yang and VigneshrajPerumal Raja(Secretary).

1 Meeting started at 1:00 pm

2 Apologies

Prof. Peng Shi was not available to attend the meeting.

3 Minutes of the last meeting

Friday 19th April 2021, 1:00pm -1:30pm (Australian Central Daylight Time), 30 mins.

4 Actions arising from the last meeting

Action	Assigned to	Status
Work on algorithms and apply it to five-in-a-row and get demonstrations	Viki and Zhuoran	Completed
Demonstrations with the heuristic search	All	Completed
Add comparison chart in GUI	All	Ongoing

5 Status report

5.1 Report from each team member

Viki explained the Minimax with Heuristic search working with demonstrations. Zichen helped Viki and Zhuoran with five-in-a-row environment. Zhuoran explained about the AB pruning with Heuristic search working with demonstration.

5.2 Other activities

General discussion about the final paper and seminar.

6 New Business

Not apply, leave this section for the next meeting

7 Supervisor's feedback

Peng shi asked the students to add some comparison chart in the GUI for better understanding and though the budget is being unused, he asked us to add Xin Yuan's purchase order to get with this Project's allocated budget.

Xin Yuan proposed to buy two sets of equipment's to benefit his lab and their future project. Below is their purchase order.

QUANTITY	SKU	DESCRIPTION	UNIT COST IN GST	TOTAL	Approved by
1	CE07254	DJI Robo master EP- Core	\$1574.50	\$1574.50	Peng shi
5	CE06101	DJI Tello EDU	\$208.05	\$1040.25	Peng shi

8 Next meeting

The next meeting will be held at 5 pm on Friday, the 19th of May.

9 Actions

Get the comparison chart in the current GUI.

10 Meeting closed at 1:30pm

ARTIFICIAL INTELLIGENCE VS HUMAN: WHO WINS THE BOARD GAME

Minutes

Date/Time: Monday 19th May 2021, 5:30 pm (Australian Central Daylight Time)

Location: Zoom: [833-5515-3796](https://au.adelaide.edu.au/join/83355153796) Password: LAUS

Present:

Suprvisor: Prof. Peng Shi; Advisors: Xin Yuan and Yang Fei;
Group members: Zichen Hao(Secretary)and Zhuoran Yang (Chair) and
VigneshrajPerumal Raja.

1 Meeting started at 1:00 pm

2 Apologies

None.

3 Minutes of the last meeting

Wednesday 19th May 2021, 1:00 pm -1:30 pm (Australian Central Daylight Time), 30 mins.

4 Actions arising from the last meeting

Action	Assigned to	Status
Prepare the structure of the final paper	All	Ongoing
Write the final paper	All	Ongoing
Add comparison chart in GUI	All	Ongoing
Discuss about the final paper	All	Ongoing

5 Status report

5.1 Report from each team member

Members made a comparison between Alpha-beta pruning & Minimax algorithm.

5.2 Other activities

None.

6 New Business

None.

7 Supervisor's feedback

Vernon suggested to find the different situation for Alpha-beta pruning and minimax algorithm, and Peng suggested to make the comparison separate because the time two algorithms take are almost the same.

8 Next meeting

The next meeting will be held at 1 pm on Monday, the 24th of May.

9 Actions

Finish the paper before 28th of May.

10 Meeting closed at 5:32pm

ARTIFICIAL INTELLIGENCE VS HUMAN: WHO WINS THE BOARD GAME**Minutes**

Date/Time: **Monday** 24th May 2021, 1:00 pm (Australian Central Daylight Time)
Location: Zoom: [833-5515-3796](https://au.adelaide.edu.au/join/83355153796) Password: LAUS
Present: Suprvisor: Prof. Peng Shi; Advisors: Xin Yuan and Yang Fei;
Group members: Zichen Hao(Secretary)and Zhuoran Yang (Chair) and VigneshrajPerumal Raja.

1 Meeting started at 1:00 pm**2 Apologies**

None.

3 Minutes of the last meeting

Wednesday 19th May 2021, 5:00 pm -5:32 pm (Australian Central Daylight Time), 32 mins.

4 Actions arising from the last meeting

Action	Assigned to	Status
Prepare the structure of the final paper	All	Completed
Write the final paper	All	Ongoing
Add comparison chart in GUI	All	Ongoing
Discuss about the final paper	All	Ongoing

5 Status report**5.1 Report from each team member**

Members made a comparison between Alpha-beta pruning & Minimax algorithm.

5.2 Other activities

None.

6 New Business

None.

7 Supervisor's feedback

Vernon suggested to find the different situation for Alpha-beta pruning and minimax algorithm, and Peng suggested to make the comparison separate because the time two algorithms take are almost the same.

8 Next meeting

The next meeting will be held at 1 pm on Monday, the 31th of May.

9 Actions

Finish the paper before 28th of May.

10 Meeting closed at 1:37pm