**Individual contributions:**

1. I assigned work to each team member.
2. I designed and tested related methods for character identification, including matching template method and two path strategies.
3. I Integrated all the code from other members and debugged them.
4. I tested the results of the overall code in all virtual environments and provided the video.
5. I participated in the testing of the real robot environment and also provided the video.
6. I wrote the design and test results of the character identification part.
7. I consolidated the text of all team members and turned it into a report.

**Assign a mark:**

Group Member: Zhiying Chen

1) Attendance at meetings and lab sessions organised by the group. 5

2) Contribution to the design of the solution. 5

3) Contribution to the implementation of the solution. 5

4) Contribution to the testing of solution. 5

5) Contribution to writing up the report. 5

He cooperated actively, complete the task on time and performs particularly well in Real robot tasks.

Group Member: Xin Wei

1) Attendance at meetings and lab sessions organised by the group. 5

2) Contribution to the design of the solution. 5

3) Contribution to the implementation of the solution. 5

4) Contribution to the testing of solution. 5

5) Contribution to writing up the report. 5

He completed the code fast and provided some constructive comments for the report.