Individual Goal

Yulin Zhou

Roles:

I serve as the leader for the Biometrics subsystem of the AuBi robot team. Besides this, I will also play the role of the team member of the User Interface team and External Communication team.

Responsibility:

- For Biometrics subsystem:
- As the leader of the Biometrics team, my responsibilities include the following:
    - Clarify the goal for Biometrics for the AuBi robot project.

    - Set the schedule for all the work that needs to be done and make sure that the schedule is being followed by me and my team members.

    - The design of the system realizes our goal of recognition and identification.

    - Checking for each part of the biometric subsystem and taking responsibility fortis quality.

    - Keep in contact with other subsystem teams and make sure that the integration process is going smoothly.

    - Keep in contact with the team to make sure that everyone knows their job. I will also be responsible for solving all the possible problems that might be faced during the entire process with my team members.

- What Biometrics team suppose to finish:
    - Implementation of the design for the biometrics system. This includes two parts: the implementation for fingerprint identification and the implementation for facial recognition.
    - For fingerprint identification, this will mainly serve for identification while people send and receive their packages. So that this part of the function will mainly interact with the user interface and the cargo delivery subsystem(included in the

physical design team). My responsibility is to deliver the outcome of fingerprint identification to them and make sure the results can serve as an input successfully.

- ○ For facial recognition, this will mainly serve to recognize people while people pass by AuBi or while people interact with AuBi . So that this part of the function will mainly interact with the user interface. My responsibility is to deliver the outcome of facial recognition so that the user interface will display the corresponding personal information which was designed especially. In this way, users will have a personalized experience while interacting with AuBi.

- As User Interface team and External Communication subsystem team member, my responsibilities will be:
  - ○ Keep in contact with the team leaders and determine my job responsibilities.
  - ○ Support the team and finish the work.