

*Group number: May1714*

*Project title: Computer Based Vision System for Detection of Tool Arm Articulation*

*Client &/Advisor: Jay Kim &/ Danfoss Group*

*Team Members/Role:*

Ming Wu (team leader)

Xiayang Sun (communication leader)

Chenliang Xu (webmaster)

Xin Ying (key concept holder)

Sam Jones (key concept holder)

Lyle Bishop (key concept holder)

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○ **Weekly Summary (Short summary about what you did this week)**

In last week we had a team meeting with our advisor Professor Jay Kim on Tuesday afternoon. The client of electric smart wheelchair still not reply email to us, so we talked with Professor Tuttle and he suggest us to pick a new project from the senior design list.

○ **Past week accomplishments (please describe as what was done, by whom, when)**

All group members had a short discuss and decide to choose NO. 24 project in senior design project. The project is Computer Based Vision System, which is entrusted by Danfoss Group.

○ **Pending issues (if applicable)**

For this week, we will meet with Danfoss Group and get the detailed design documentation or other resource.

○ **Individual contributions**

<b><u>NAME</u></b>	<b><u>Individual Contributions</u></b>	<b><u>Hours this week</u></b>	<b><u>HOURS cumulative</u></b>
Xiayang Sun	Participated in team meeting	1	5
Chenliang Xu	Participated in team meeting	1	5
Ming Wu	Participated in team meeting	1	5
Xin Ying	Participated in team meeting	1	5
Lyle Bishop	Participated in team meeting	1	5
Sam Jones	Participated in team meeting	1	4

○ **Comments and extended discussion**

As we are far behind the schedule, we will work much harder from now on.

○ **Plan for coming week (please describe as what, who, when)**

Ming Wu will contact the company Danfoss Group and set a time to meet with them before Wednesday. After meeting with them, each group will read the design document thoroughly. Then we may start this project by the end of this week.

○ **Summary of weekly advisor meeting (if applicable/optional)**

Professor introduced some applications and projects related to control and system, and he encouraged us to find some project which is applied with control system.