[Page: Mechatron: NAME]

Dear Professors, dear classmates. We will now tell you a bit about our project, the Mechatron.

[Page: Chapters: NAME]

This presentation is split into 4 Chapters: Division of Labor, Basic Concept, Problems and Challenges and Lessons Learned

[Page: Division of Labor: NAME]

Division of Labor

[Page: Division of Labor (Table): NAME]

The Labor was split into 3 different groups: Construction, Electronics and Programming. Construction was assigned to Mister Buchberger, Mister Pilz and Miss Eglseer, Electronics to Mister Köglberger and Mister Templ, and Programming to Mister Patzelt. The names that you can see here in parentheses were not originally assigned to the group but ended up doing a substantial amount of work there anyway.

[Page: Basic Concept: NAME]

[Page: Problems and Challenges: NAME]

Problems and Challenges

[Page: Problems and Challenges (Construction): NAME]

[Page: Problems and Challenges (Electronics): NAME]

[Page: Problems and Challenges (Programming): Patzelt]

One of the biggest challenges I faced with the programming was the use of a microcontroller that I have never worked with before. There were some failures which will be addressed in the video.

The connection with the controller was also a small hurdle. At first, we tried to use an XBOX Controller, but that did not work whatsoever. But when we switched to a PlayStation Controller, there were no more problems.

The last big problem was the MP3 playback. It would work just fine the first time, but it didn’t work a second time. That took me a few hours to figure out, but in the end, I could resolve the issue.

All in all, I think most things went pretty smoothly. The biggest problems definitely occurred when trying to get some of the extras to work, the basic functionality was up and running shortly after the project was assigned.

[Page: Lessons Learned: NAME]