Process Model and Justification

For this project, the team decided to use the incremental model, because the team needed to quickly provide software that included a limited set of functionalities to meet the basic requirements of the project. There was no need to use an evolutionary model as the requirements of the project were clearly understood by the team members, as most of the requirements were fairly straightforward and the team assumed that these requirements would not grow and change as the development went on. The basic steps were followed; there was Communication, followed by Planning and Modeling, then Construction and Deployment, but we estimated that we'd only be able to deliver a limited product at the end of the semester given that the project's more complex functionalities would require hardware and software that the team would be unable to procure in under 3 months with the current level of funding. The incremental model was also ideal because the team planned to do more iterations of the development process to complete the software after the first stage of deployment and feedback at the end of the semester.