

Weekly Report 02

I-CEE (Group 8)



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VIBRO-I

Due Date:

04.03.2008

Past Week's Accomplishments:

- Proposed work on the circuit is completed by our EE members by testing the Linux board we have.
- Our CS members Esra and Ceren are working on the object detection code to get it recognize certain objects. Some of those certain object shapes to be recognized are triangular, circular and rectangular silhouettes.

Next Week's Planned Activities:

- We have found a programmable PIC which can manage both the sensors and vibration devices at the same time. We are trying to construct a program for this and trying to learn some useful hints about Assemble programming language that is adaptable to our project.
- We have had a problem with the sensors we have already chosen because it does not function efficiently over the distance of fifty centimeters. So, we are struggling to make it more efficient at the same time.
- We have made some searches in order to find an efficient sensor which can work in three dimensions and can sense through one meter efficiently. However, all we have found is the straightforward sensible sensors. We decided not to use the straight sensible sensors because they are very expensive. On the other side, in order to get 3D sensing, we should use six of them which will excess our proposed budget.
- We have adapted our economical expectations and calculations according to the new decided devices.