BRAILLE DISPLAY

OUR TEAM:-

1) PRASHANT

2) SOHAM SHANBHAG

3) JENIL P. SHAH

4) ADITYA SINGHAL

PROBLEM ADDRESSED:-

First of all, it is difficult to teach braille to the new learner(both kids and adults). And their is nothing in the market to help them. They do it in the conventional pld method, which is both difficult and painstaking

OUR SOLUTION:-

We are planning to make a braille cell(composed of 6/8 pins), and connect it to a system(initially a PC, then maybe a cell phone). Any text input wull be converted to braille and displayed on the braille cell, along with the voice output. The voice output will give alphabets, words,etc.

Meanwhile, keeping it cost efficient.

OUR CHALLENGES:-

We were recommended to meet Shyam Shah, 4th yr ESE, who had been working in the same field for some time now. Meeting him was an enriching experience, who told us about many complexities we didn't think about.

First of them being, it is difficult to make a braille cell using electromagnets(our initial plan), because of small size of solenoid not creating enough power and if we are able to create enough power we will have to face coupling of the magnets.

OUR WORK:-

1) We have to implement different design for the board, which is quite costly and we have try to make it

economical.

2) Creating an user-friendly interface both physical and on the system.