

***Elevator Controller (using AVR)***

Semester Project

For

***Micro-Controllers & Interfacing***

Presented By:

Muhammad Muzammil BSCE 19015

Muhammad Mobeen Faryad BSCE19006

Akif Ejaz BSCE 19042

Functionality Which is Done!

We have touched and implemented almost all functionalities starting from Cabin Panel Input to 7-seg Display. The Part of Life Controller which are ready (just need some correctness based on our hardware) are Floor XPanel , Functionality of Door , Cabin Panel Input and Motor Movements and Display. These functionalities are tested independently like for now we do not have maintained any proper link of inputs together. But independently it is working fine. Moreover, the functionality it-self logically correct only final improvement are needed to work fully. (which are planned with our Hardware submission ).

Functionality Which need to be Look Back again.

Although we have implemented the circuitry and functions for all type of functions a life perfumes but there is very special case handling like if we have cabin panel and floor xpanel input altogether then what to do, like if cabin panel is greater floor lift will move until cabin panel but also look for the xpanel input and stop on that floor if that floor is between cabin panel input floor. This is just one example, and we are obviously aware of such cases and definily handle these, but for now they are left pending.

Code File , Proteosu File, and the Logical Diagram (Flow Chart) is given aling with this file folder.