



**Information Technology University, Punjab**

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## **Elevator Controller**

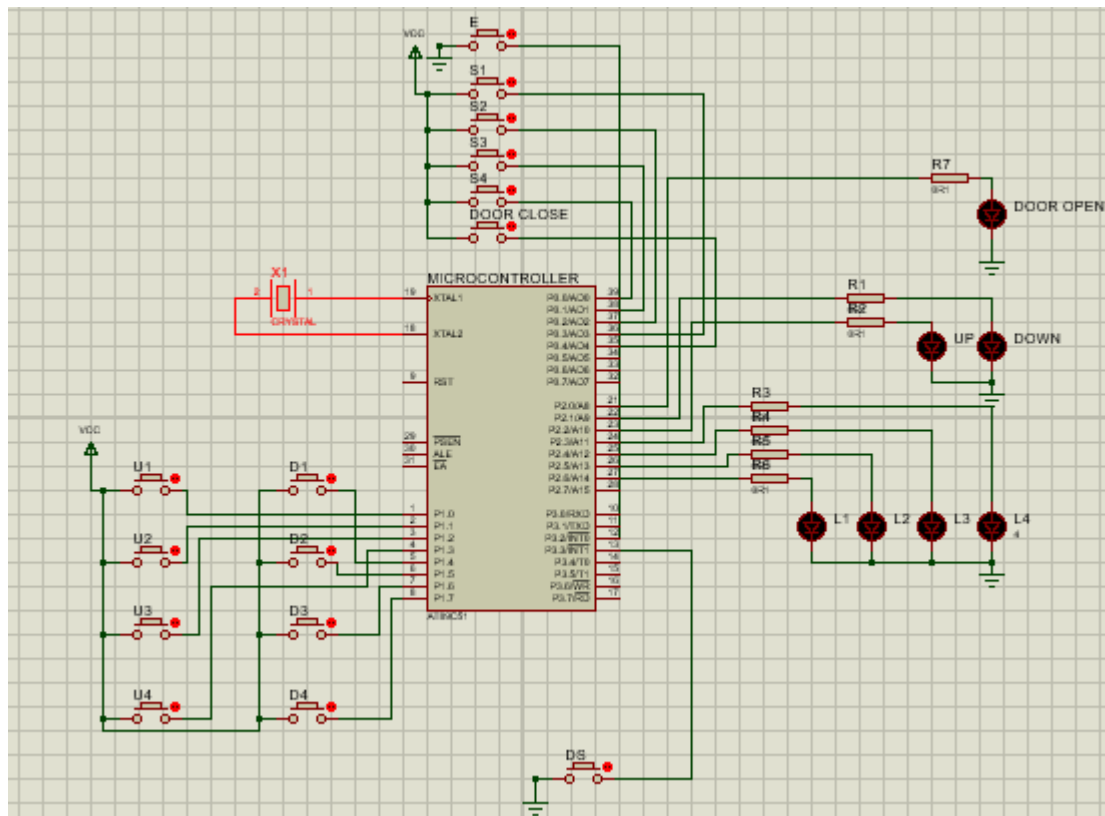
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## Diagram:



## Description:

- Will be using only external interrupt 0(INT0) for Emergency Button
- Will be using Subroutines for Led's according to their funtions; (\* means 0 or GND)
  1. void door(int open\_close\*)
  2. void up(int on\_off\*)
  3. void down(int on\_off\*)
  4. void location(int floor)
- For every stop button i will be polling and for Emergency button I will be using External Intrupt
- For implementaion on Point 9, I will be using Local variable to log requests for every Floor. And this same variable will be checked every time before every floor accordingly.