

•Smart traffic system

- 1.As usual traffic light is working like the way we know but we made it more smarter as we used sensors for detecting motion in all streets, then controlling it based on motion
- 2.Dealing with emergency cases like ambulances, police car or also if there is a robbery so we can control the system in tow ways, manually or using SMS messages from any place .
- 3.The traffic system will be off when there is no one so the power saved .
- 4.The last feature is traffic violations .

•Street light system

- 1.Controlling the light of city manually (on-off) or using SMS messages from any place
- 2Automatic street light based on motion (using Delay)
- 3Automatic street light based on motion (using PWM)

•Parking system

- 1.Using LCD to show the number of free places in the parking lot .
- 2.Controlling the gate of the parking lot automatically , it will be opened in case a free place is available else it won't .
- 3.Opening and closing the parking lot using SMS message from any place .
- 4.Inquiring for a free place in the parking lot using SMS message .



SMART CITY PROJECT



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