Automatic Lighting System with LED displaying temperature and Humidity
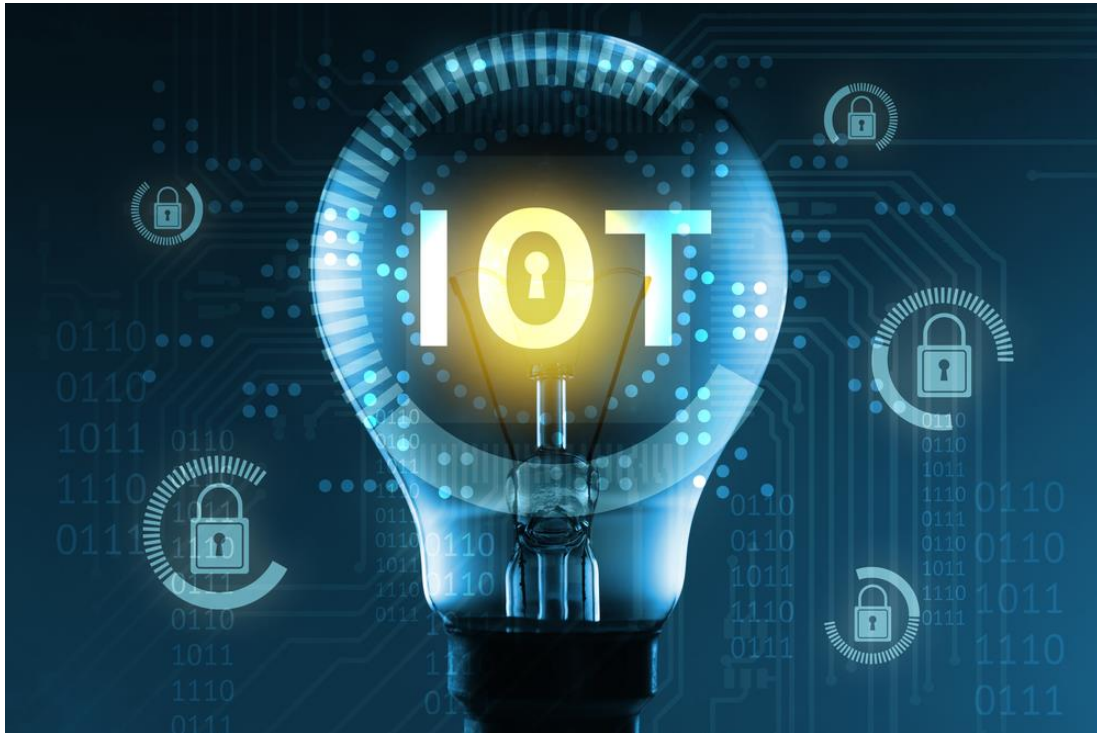

Different Options

Design Options	1. Arduino	2. Raspberry Pi
Cost	$30	$40
Size	Small	Small
Difficulty	Moderate	Moderate
Knowledge	From Course, with some help from Web	From course but much needed help from Web
Security	No	No
Pins	Enough for project	Actually, a lot for the project

1. <u>Arduino:</u>

From the course I have learned a lot about Arduino and hence it was easy to work on it, plus there a lot of libraries to support it making it easier for me to build it. About the components- it is the same for both the devices taken in consideration.

2. <u>Raspberry Pi:</u>

I have learned a lot from the course and as we know the processing power of raspberry pi is more than Arduino with an OS included. It also has more pins with enables us to use it easily without the worry exhausting the pins. But as for this project this more facilities is not required with a little bit more cost to pay.

➢ I will be going for <u>Option 1</u> for various reasons:
- Less cost to pay.
- Enough processing power available no need for more.
- Enough pins available.

- Gaurav Singh Chandrabhan