Mamer Peitam Gottram Mogal. Divi-TE-B ROII NO: - 17. Bab: - ESIOT. Aim - Create a small dash board application to be deployed on cloud Different publisher dences an publish their information and interested application can substable. 10H Platform 3- 10 Million Million The for pratforms are suits for components those beep to setup manage internet connected devices.

A person can remotery collect data, monitor & manage all internet connected devices from a single system. JOT Cloud Platform? - Kack It of phartonn. 1 Sitewhere Things peak.

Dente Hire ZeNa. Kao-Features:-1. Monage an unlimited no of connected devices 2- Septup cross-device introperability. 3. Pentom A/B Semicetesting 4. Perform real-time monitoring.





### **MATLAB Analysis**

Explore and transform data.



### **MATLAB Visualizations**

Visualize data in MATLAB plots.



### Plugins

Display data in gauges, charts, or custom plugins.

## Actions



# ThingTweet

Connect a device to Twitter\* and send alerts.



## TweetControl

Listen to the Twitterverse and react in real



### TimeControl

Automatically perform actions at predetermined times with ThingSpeak apps.



#### React

React when channel data meets certain conditions.



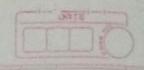
#### TalkBack

Queue up commands for your device.



### ThingHTTP

Simplify device communication with web services and APIs.



sitewhere - features :-

- Run any no of Tot applications on o single site where instance
- spring delivers the core configuration framework
- Default database storage is mongo DB
- Eclipse californium for COAP messaging

Thingspeak-features:

- Collect data in private Channels.
- shall data with public Channels
- Restful + MOTT APTS
- Alerts.

Device Hive - Feytures :-

- Directly integrate with Mexy
- Visualization dashboard of your Choice
- connect any device via REST API, websockets or mett.
- It comes with apalhe spark & spark streaming support-

zetta-features :-

- Build enound Node is, REST, WPBSOCKETS
- supports vide range of hacker boards.
- 28H4 allows you to assemble snortphone opps, device apps.

Conclusion :-

Thus, we have designed small application using ThingsSpeak