Assignment No.09

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Nome: Yjwal Lade Class! T.E. Roll no! 06

ALM - Greate a small dashboard application to be deplayed on cloud Different publisher devices can plub publish their information and intergled application con subcribe.

Theory + a mini and a

10T Platforms

JOT Platforms are suites of components
those help to stetop and manage the internel
connected devices A person con remotely
collect data monitor and manage all internet
connected from a signal system.

TOT Cloud Plat Forms -

Platform for the TOT 3. Thing Speak: An FOT platform with MATLAB analytics
4. Devicetive: TOT made Easy S. zetta:

API - First TOT Platform.

Kaa - features:

- 1. Manage an unlimited number of connected devices.
- 2 Setup cross device operability.
- 3. Perform AlB Service testing
- 4. Perform realtime device monotoning

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9	Perform remote device provisioning 1
	configuration
6	Collect and analyze sensor data.
- 2	Analyze user behaviour deliver targeto
	aphification.
8.	Create cloud services for Smart product
	Care and topon the original destruction of the contraction
	Site where Features:
1.	Run any number of IOT application on
	single site where instance
2	Spring delivers the core configuration
1	framework sen inselfala Toll
3	connect devices with MOTT AMOP Stomp
	and other protocols is because
+ 4	Add devices through self registration
	REST Services com in batches,
5	Integrates with third party integration
	framework such as Mule and point.
B	Default DB for event data Storage is
	Mango DB To the most not not 19
7	Eclipse Californium for COAP mesgaging
8	Influx DB for event data Storage
9	Grafana to virualize sitewhere data
to	HBase for non relational data store.
*	Thingspeak - Features.
1.	Collect data in private channels
2.	share data with public channels
73 *	FESTEW 300 NOTT APPS
4	MATLAB Analytics and visualizations

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5	Alest
6	Event Scheduling
7	App Integrations
8	Worldwide Community.
7	Device Hire - Features
1	Directly integrate with Alexa
2.	Visualization dashboard of your choice
	Customize Device Hive behaviour by running
	your customjovascript code
4.	It support bigdata solutions such asfloyh
	C Search Apache Spark casacadra and Kafta.
	for Seasch real time and batch processing
5.	Connect any device via REST APF. Webscocket
	or HGTT.
6	It comes with Apache Spark straming support
4	Curante libraries in witten in various programming
V	languages including Android and los Upranes
8	The land March and utiles sold
	mahine learning on top of your device data.
	N
	Netta-features!
1	Duilt around Node is REST, Websockers and a
	a based reactive programming.
9	Count raids mange of hacker boards.
3	. Zetta allows you to assemble smartphone
,	



Things speak Apps!

1. Analytics - MATLAB Analysis MATLAB

visualization Plugins

2. Actions - Thing Tweet Tweet control, Time Controls React Talk Back, Thingthe

Conclusion: Thus we have designed small application using Things Speak.