TEA	Assignment 100: 10    Nikited D. Bhosoli,   Gurukul   Paga No.     Data
	Aim: create a small dashboard application
	to be deployed on cloud. Different public
	devices can Publish their into and interested
	application can subscribe
91	Theory
	Theory : source will be said and the to source
0	10 00 20 3 Nhang 14 1 11 10 10 10 10 10 10 10 10 10 10 10 1
-	Tot Platform:
	the Iot Platform are suites of components those
	help to setup and manage the internet connected
-	A person can remain a mail a
	manage all internet connected devices from
	a single system
-	There are a bunch of It platform available
	orthine but building our TAT extution for company
	acresso on lot & Platemen hack and a sail
	Lucini
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2	JIIC WITCH OPEN C
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Ivani	Device Hive - Tot made a
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About	Zette : API - first 10T Platform
(3)	
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whole	
-	collect analyze sensor data
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	GURUKUL Page No.
-	perform real time device monitoring
TOUR	create could service for smart phone
-	set up cross device interparability
	site whomas no
0	Site where reature:
-	HBase for non-relational data store.
_	Run any no of Iot app on single site
	Default white Bare and in the sire
-	Crarna to visualize site where data.
-	connect device sith more dard.
	Protocol Protocol
-	Integrate third party integration framework
phizu	Such as mue any point
	thing speak
3	Thing Speak Feature
-	collect data in Private channels
-	share data with public channel
-	RESTAU and MOETT APIS
_	Event scheduling
_	APP integration.
_	wondwide community
6	Deveceltive feature
_	pirectly integrate with Alexa
-	visulization dashboard of your do choice
~	connect any device via REST API, websocket
	ormutt
-	It comes with Apache spank and spack straning
	Support
_	It allows running batch analytics and mic
	learning on top or your device dates

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9	Zeiter Feature m Dinsh Janie 1000 marollos	
-	Built around wode is I REST, websocket and A	oug
	base "reactive Programming	
-	Support wide reinge of backree boards.	
-	zetter allow you to assemble i smatphone at	'PS
	and so cloud apps to be non to a so sell :	
	- Run any was of Ist are on single site	
8	Things speake APPs 3000 Des Mange	
	- Congres to visualize side where does	
3an	10 DI GODIE O GOVER MOUTE PROPERTY OF THE COLUMN TO THE CO	

# Analytics







#### **MATLAB Analysis**

Explore and transform data

## **MATLABVisualizations**

Unicalize dans in MATLAG plots.

#### Plugins

Display data in gauges, charts, or custom stumes.

# Actions





# O

# ThingTweet

Connect a device to Twitter \* and send sierts.

# TweetControl

Loten to the Twitterverse and resot in real time.

# TimeControl

Amoratically perform actions at: predetermined times with thingspeak ages.







## React

React when chaired data meets centure conditions.

#### TalkBack

Queue opcommands for your device

# ThingHTTP

Simplify device communication with web services and AFIs.

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320	to 3 gains gomes arous alous signed to space	
	(b) otory	
. 33	Conclusion : Pani prog with starpaint	
	Thus we have designed small application	using
	thing Speak	
	Thing steak teature	
	Collect Held in Privide chancels	
	share duta with Public channel	
	RESTRA and MATTAPIS	