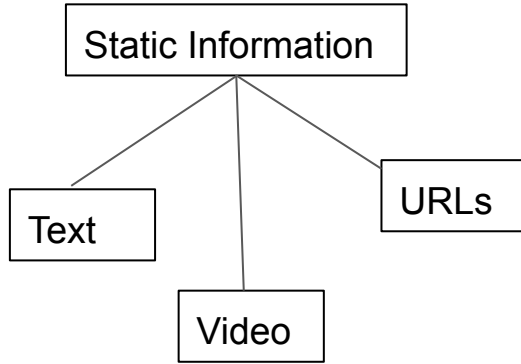


# JOB Description

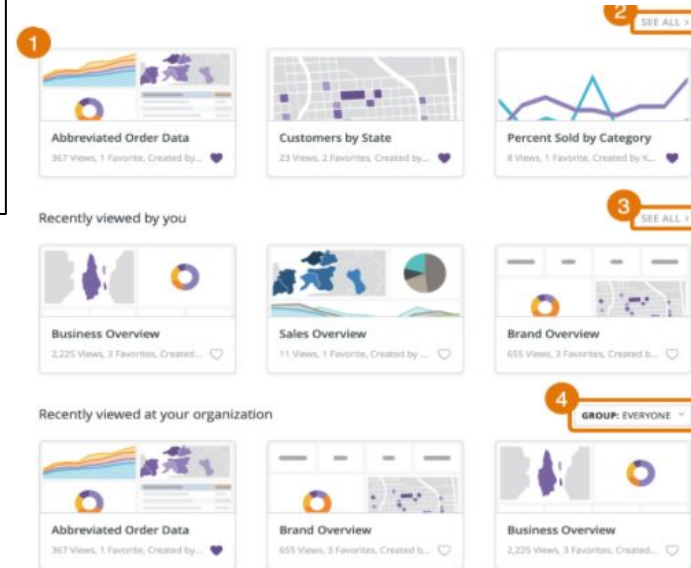
- To create an IOT Web app preferably in Python /Django where a user can create his public profile, easily connect device/devices, send data, save, visualize and download their machines data online and can get ratings and comments from other users after downloading their data.
- For the first version the data should only be displayed in historical charts
- By default the the data charts should be public but a user should have an option to make them private as well.



## Dynamic Information

### Display:

- Thumbnails of Users
- Avatars
- User number of charts
- User likes
- Followers
- Following



## Sign up

First Name:

Last Name:

Email:

Password:

Signup shall be authenticated by email  
verification

## Sign IN

Email:

Password:

Forgot password email:

# Profile Page



Description

Add a Device

Number of Following

Number of Followers

Total Likes on the  
charts

# Add Device

Click on Add Device

Device Name

Auto Generate Unique Token

X-axis label

Y-axis label

Save

Note: This ID will be copied to each Users sensors to send data to the server. Each sensor for each user will have a unique ID. Thus the data will not mix and each chart will have unique data

Series1Name:

Series2Name:

Manufacturer:

Manufacturer logo:

Choose File

No file chosen

Model:

Photo:

Choose File

No file chosen

# User Profile Page

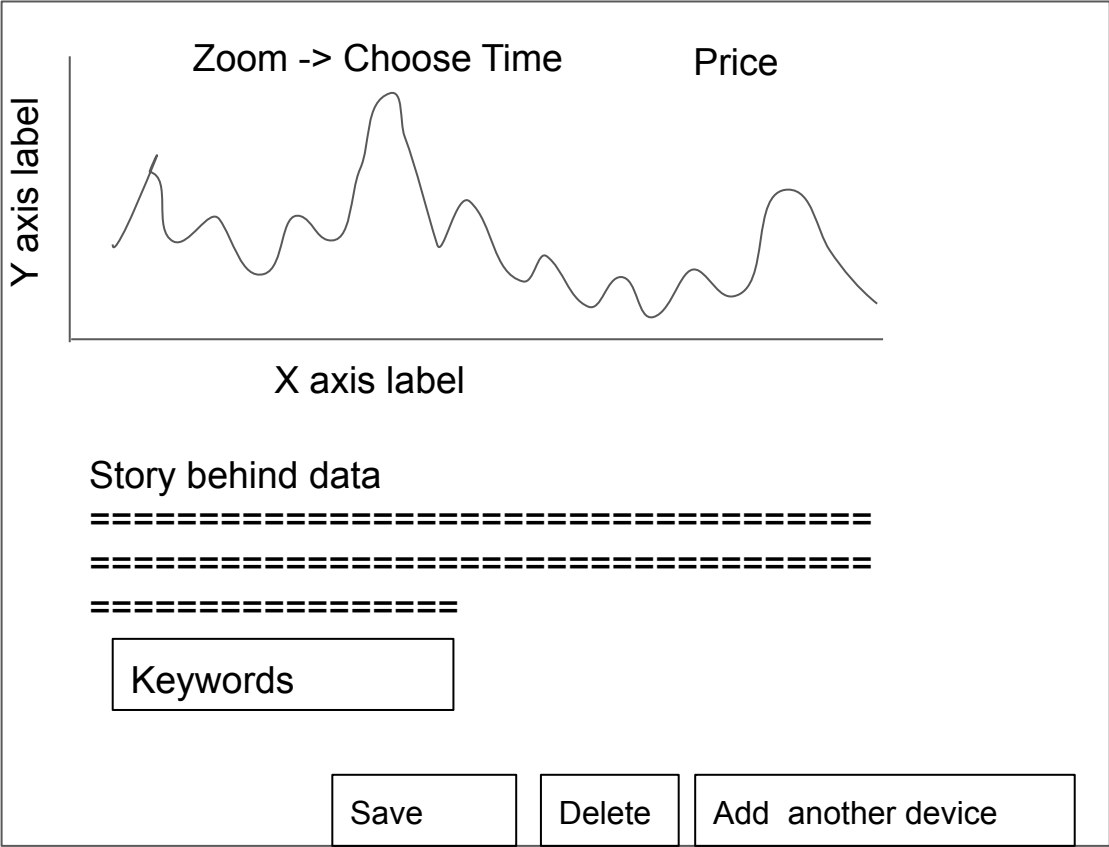
Add Data



Likes (some rating mechanism)

Following

Description



# Visiting others profile



John Doe

Description

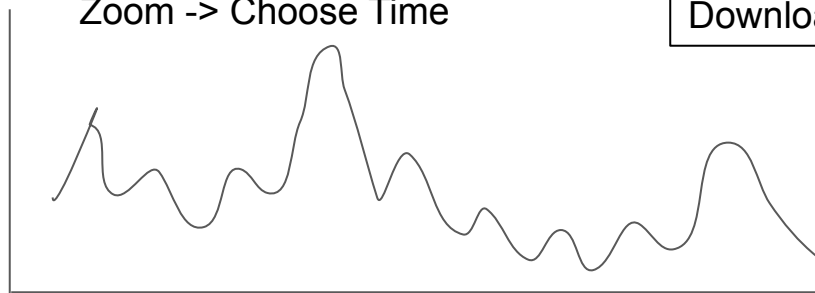
Following

Likes (some  
rating  
mechanism)

Y axis label

Zoom -> Choose Time

Download Data



X axis label

Story behind data

=====

=====

=====

Keywords

Ratings

Views

Add Comments

Show older comments

# Download Data

Select Time period

Select device/devices

Verify Login state



# Requirements

- On home page besides some static information there should be users profiles as a thumbnails and some quick information with key words about their device data that should come automatically as user creates a device profile with some data.
- User must login to create his own data profile and also to download someone else data.
- After login user can see the real time as well historical data.
- Users can rate a data charts and leave comments as well.
- Users profile can have multiple dashboards on the same profile pages based on no of devices