**New App and Menus Creation in Splunk**

*Purpose:*

This document is for some basic operation of Splunk regarding how to create new apps and menus under specific Apps in Splunk.

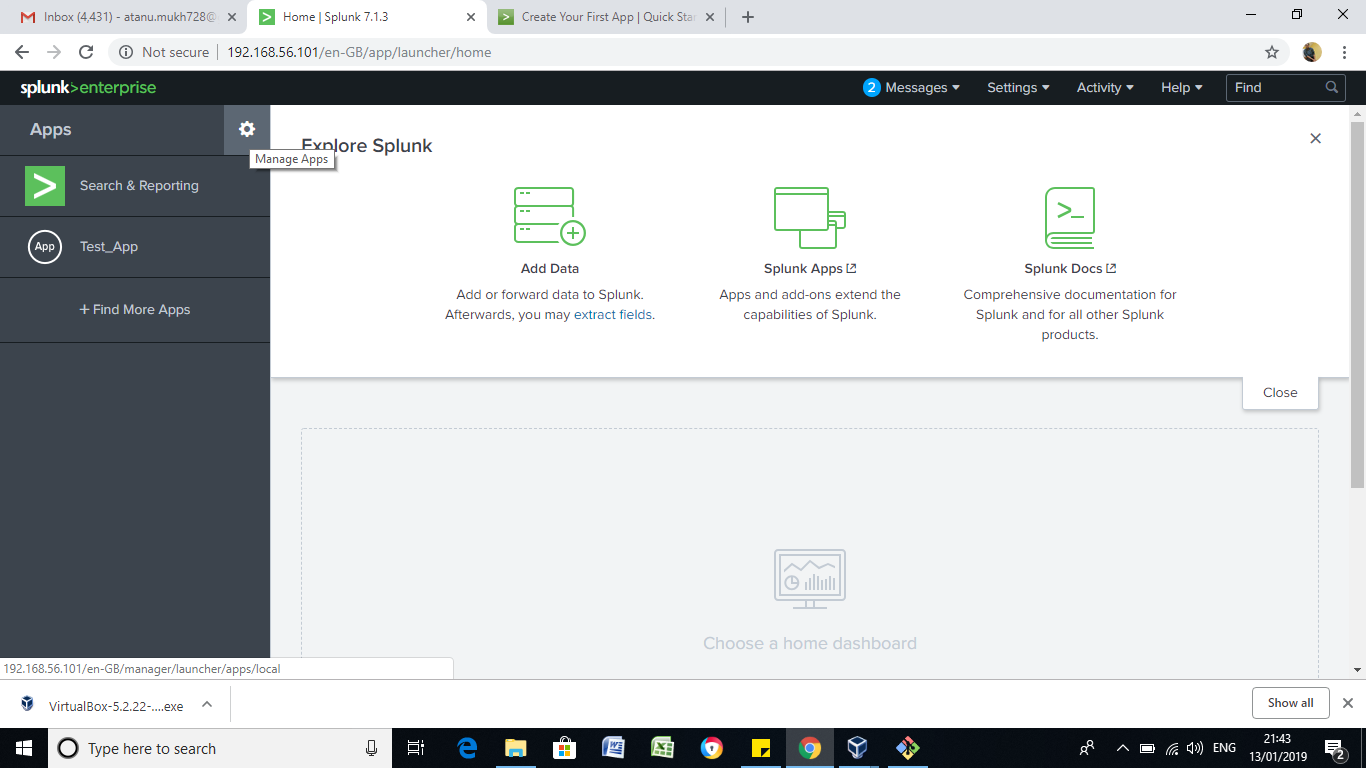
*Description:*

This document describe of how to create app and customised menu for those app.

In Splunk it is required to create a New App because the user who is accessing Splunk should access on App level. The user can used their specific dashboard under the app as per the teams. They should not touch or should not have access to other team’s dashboard. The Apps are creating to organize the process of dashboards, Alerts and reports.

Below are the screenshots and description how to create a new app in Splunk.

* Login to your Splunk dashboard
* In left hand side you will see icon beside Apps as shown below.



*Fig.1*

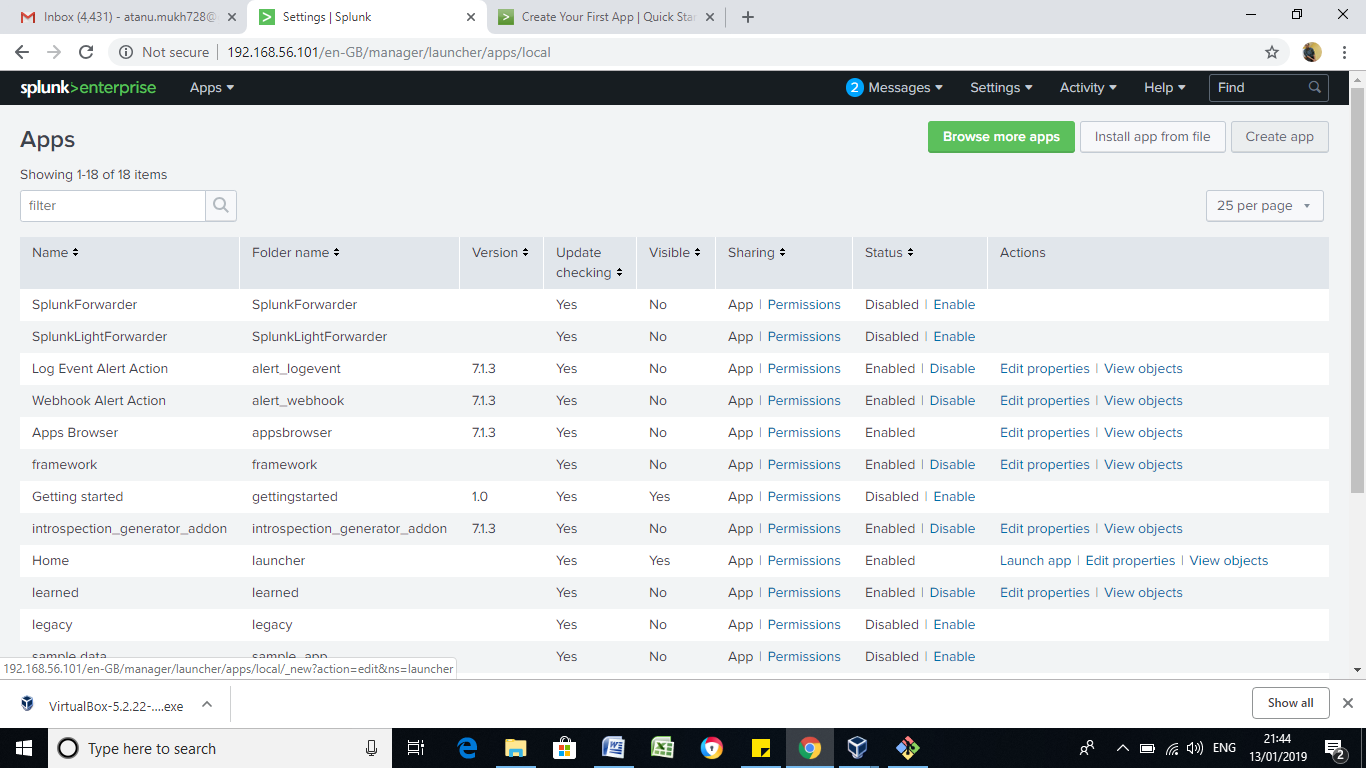
* After Clicking you will be landing to Apps page.

You can create Apps by three ways, as shown below

* Browse more app s: This will take you to splunk market place from where you can download the apps and install them.
* We can install from some file which we already created
* We can create our own app , this will create app folder in the cli where Splunk is installed under /etc/apps/

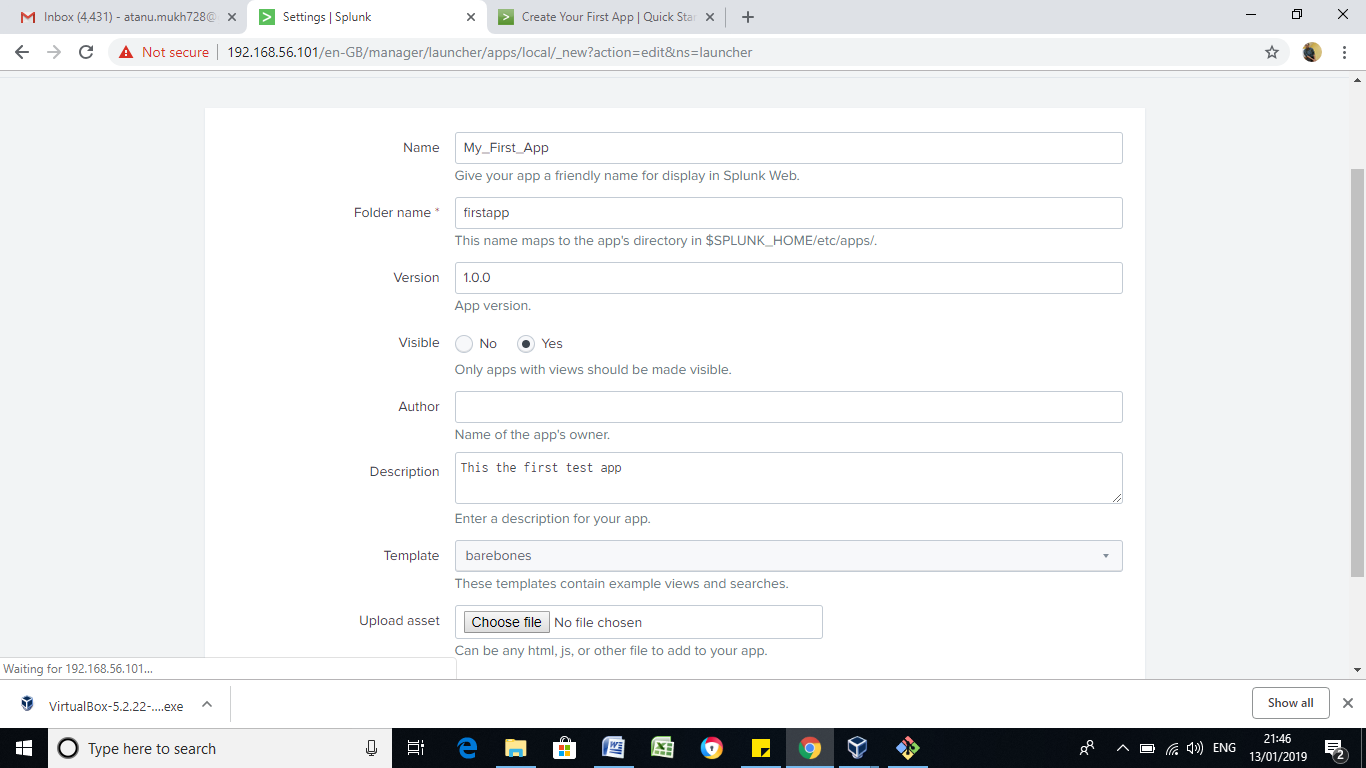
Below is the demo to create App by own

* Click on “CreateApp”

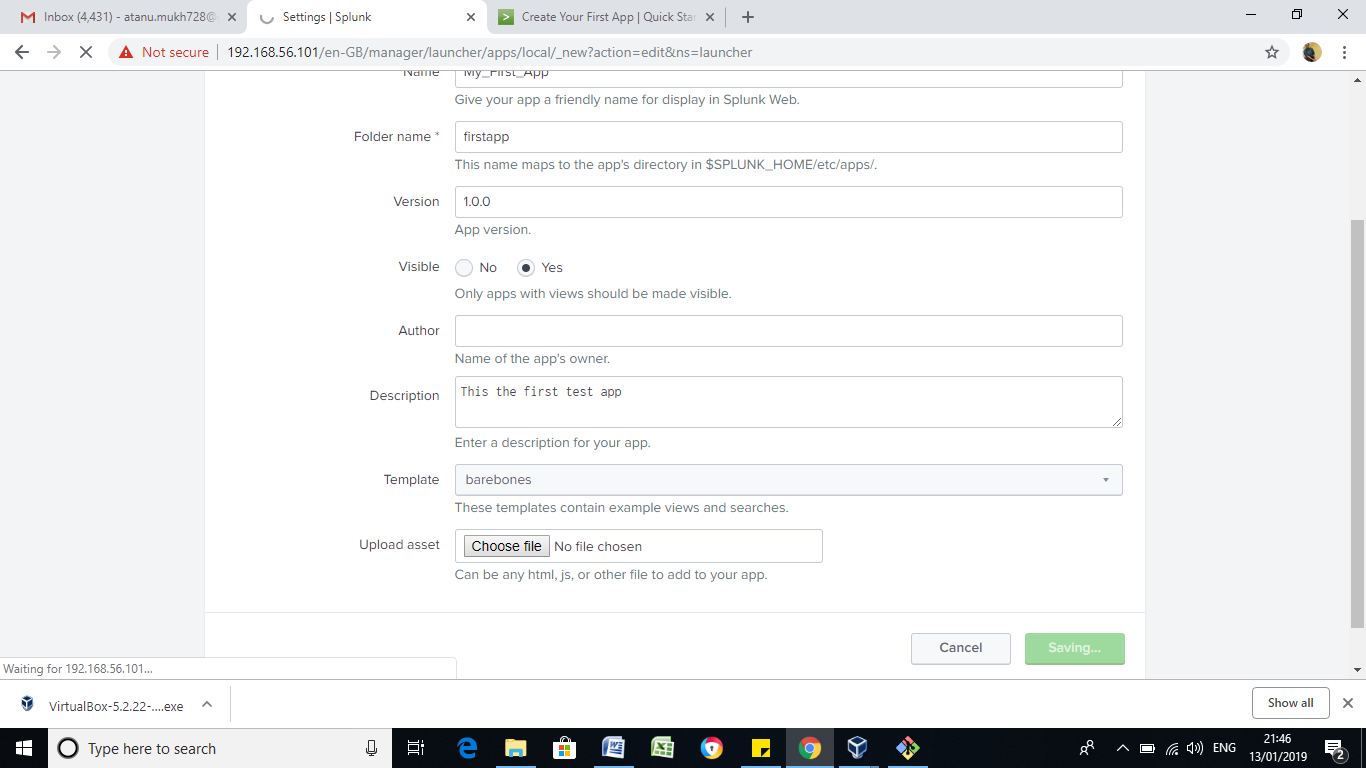


*Fig.2*

* Fill up the required info as shown in below fig. And then Click on Save.

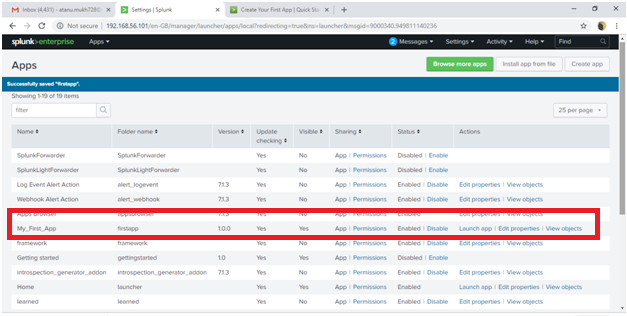


*Fig.3*

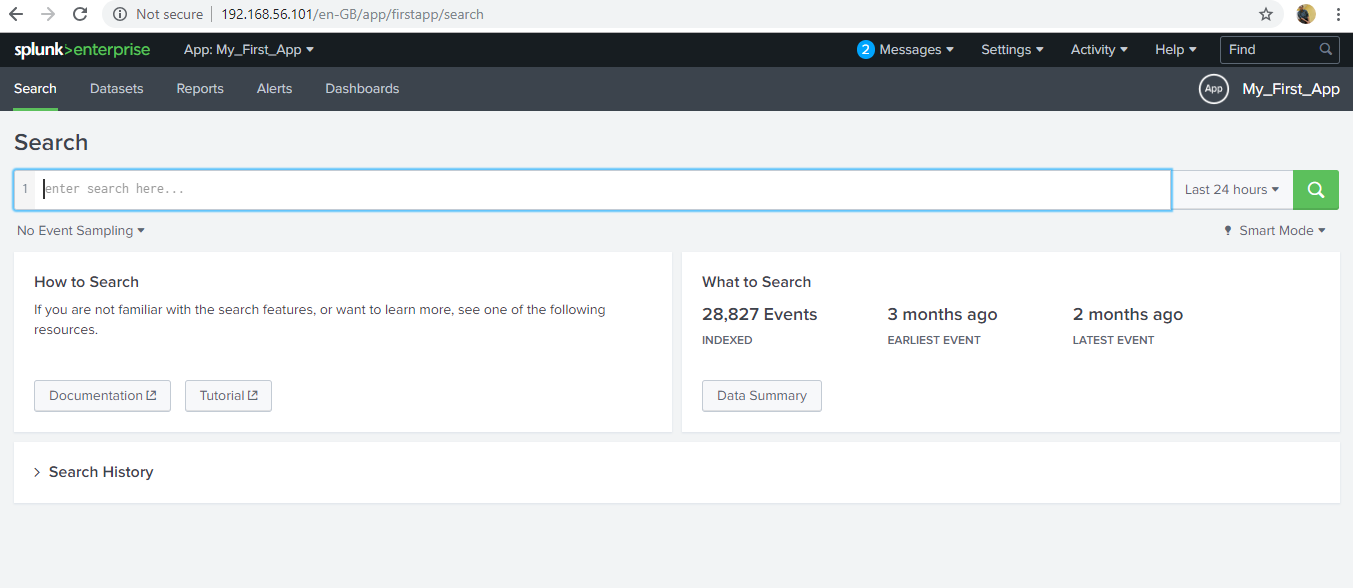


*Fig.4*

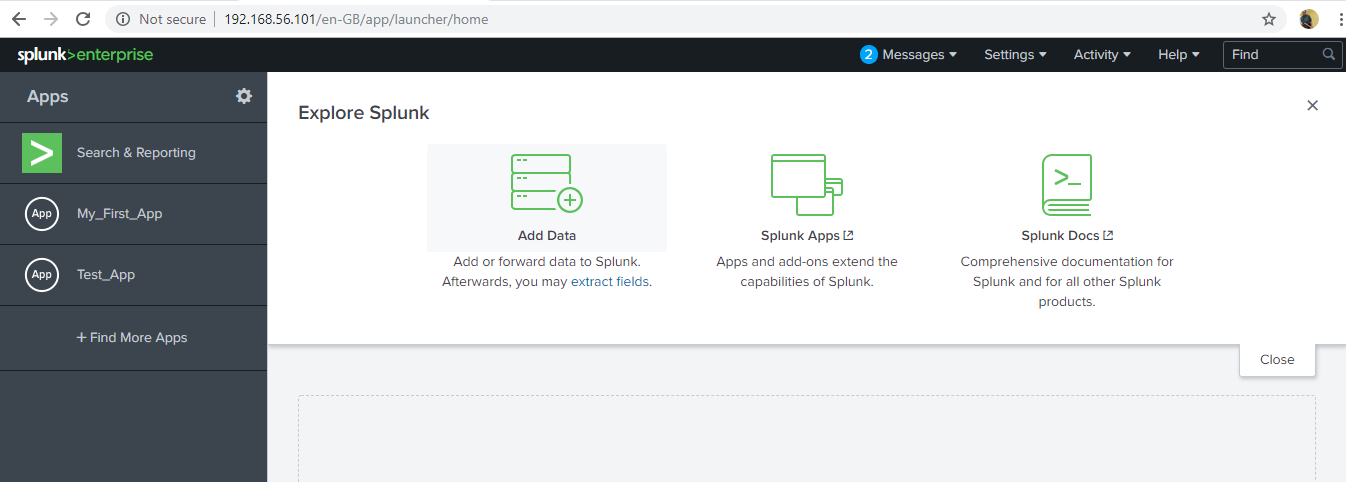
* When you click on the “Launch App” it will take to the respective App UI/page with its own setoff specific dashboard and menus accessible to that app only.



*Fig.5*



*Fig.6*



*Fig.7*

As we launch our First app then we can set our own set of menus for those app specific. Below is the directory Structure as when we create our app.

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|-- bin

| `-- README

|-- default

| |-- app.conf

| `-- data

| `-- ui

| |-- nav

| | `-- default.xml

| `-- views

| `-- README

|-- local

| |-- app.conf

| `-- data

| `-- ui

| |-- nav

| | `-- default.xml

| `-- views

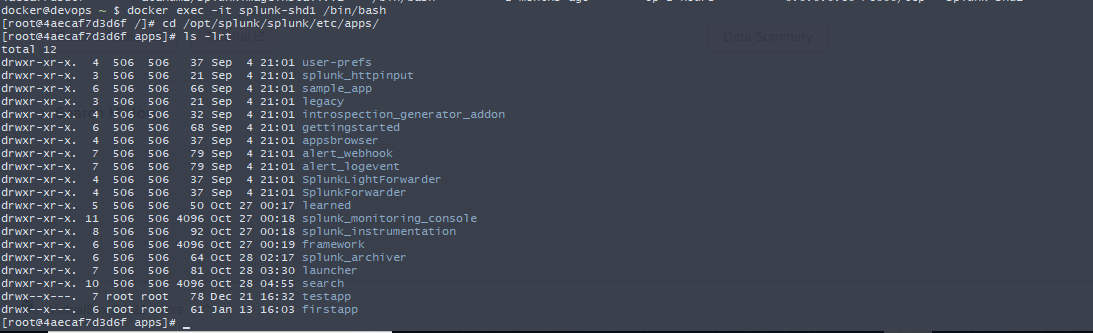
| `-- mydashboard1.xml

`-- metadata

|-- default.meta

`-- local.meta

* We always make changes to our **“local”** directory.



*Fig.8*

* Create your menus; navigate to your newly created app. Navigate to **“local”** directory.

[root@4aecaf7d3d6f apps]# cd firstapp/

[root@4aecaf7d3d6f firstapp]# ls

**bin** **default** **local** **metadata**

[root@4aecaf7d3d6f firstapp]#

* Make a directory as shown below. **“nav”** directory will contain the configuration of the menus. We will create the **“default.xml”** file to include the menus to the new app and that should be visible. As shown below.

[root@4aecaf7d3d6f local]# mkdir -p data/ui/nav

[root@4aecaf7d3d6f local]# ls

app.conf **data**

[root@4aecaf7d3d6f local]#

[root@4aecaf7d3d6f local]# cd data/ui/nav/

[root@4aecaf7d3d6f nav]# ls

default.xml

[root@4aecaf7d3d6f nav]# vi default.xml

* Write the below code in your xml file. Below is the tags , how we should write the code in our **default.xml**. We can take the sample from or **“default”** directory as shown above in the directory structure.

In the below code we have to specify the “Collection” tag to get different Menu with options. Collection can have n number of view. Views are nothing but the dashboard. So to specify the viewname we have to create the dashboard first.

<nav search\_view="search">

<view name="search" default='true' />

<view name="datasets" />

<view name="reports" />

<view name="alerts" />

<view name="dashboards" />

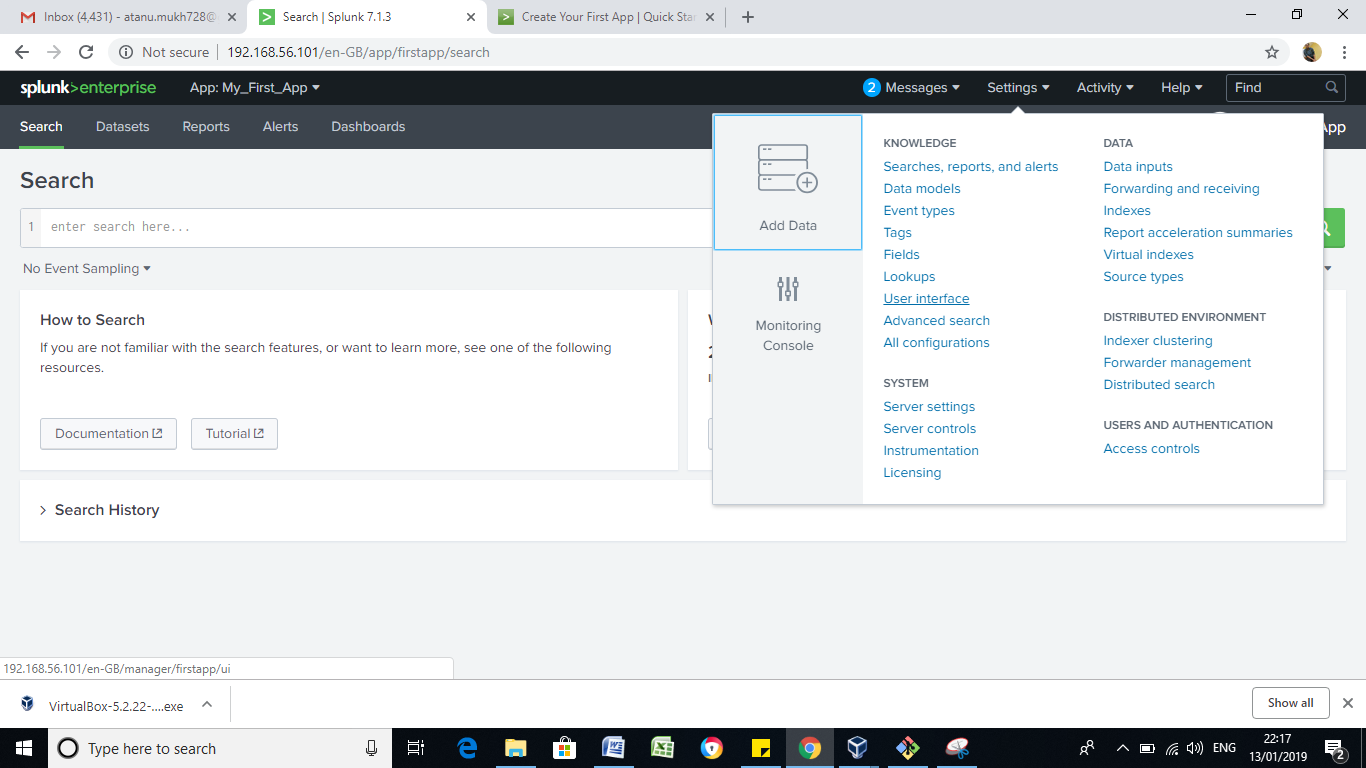
<collection label="Lists of Dashboard">

<view name="mydashboard" />

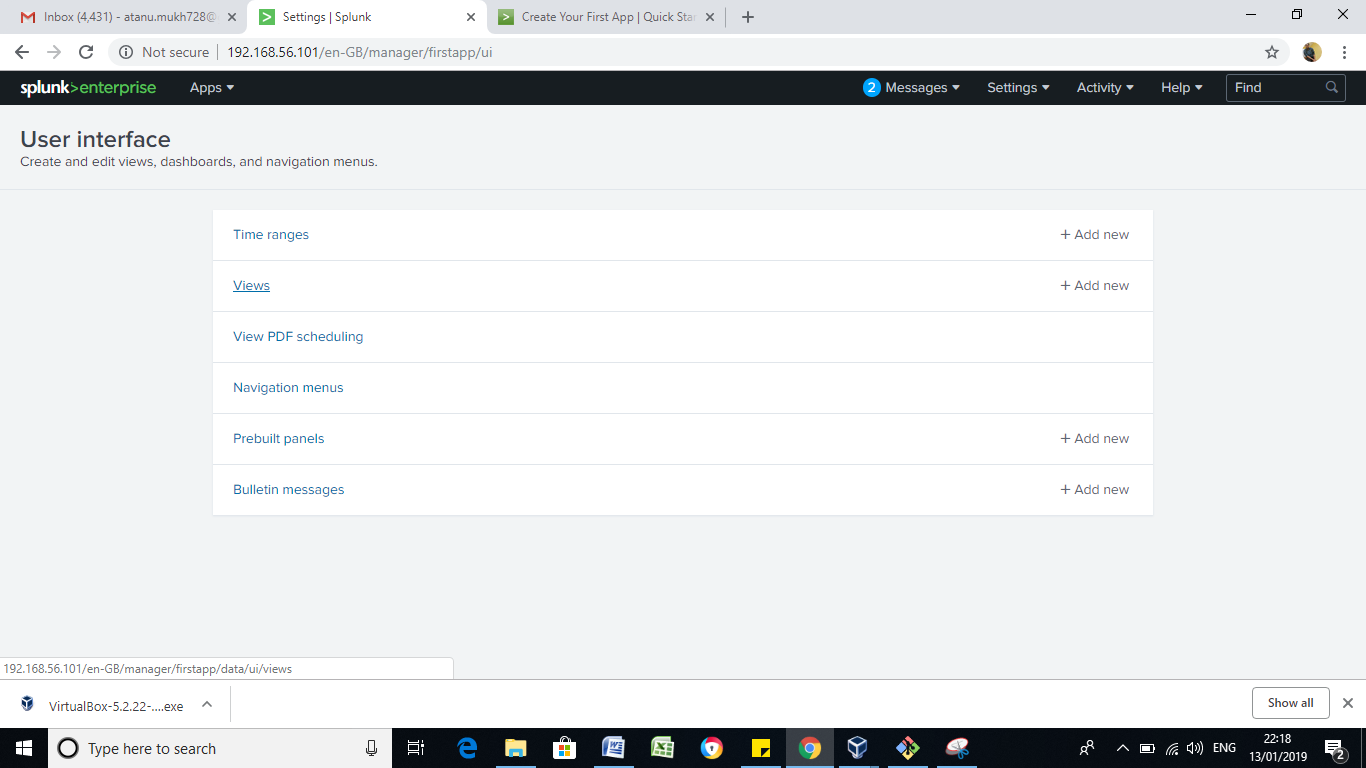
</collection>

</nav>

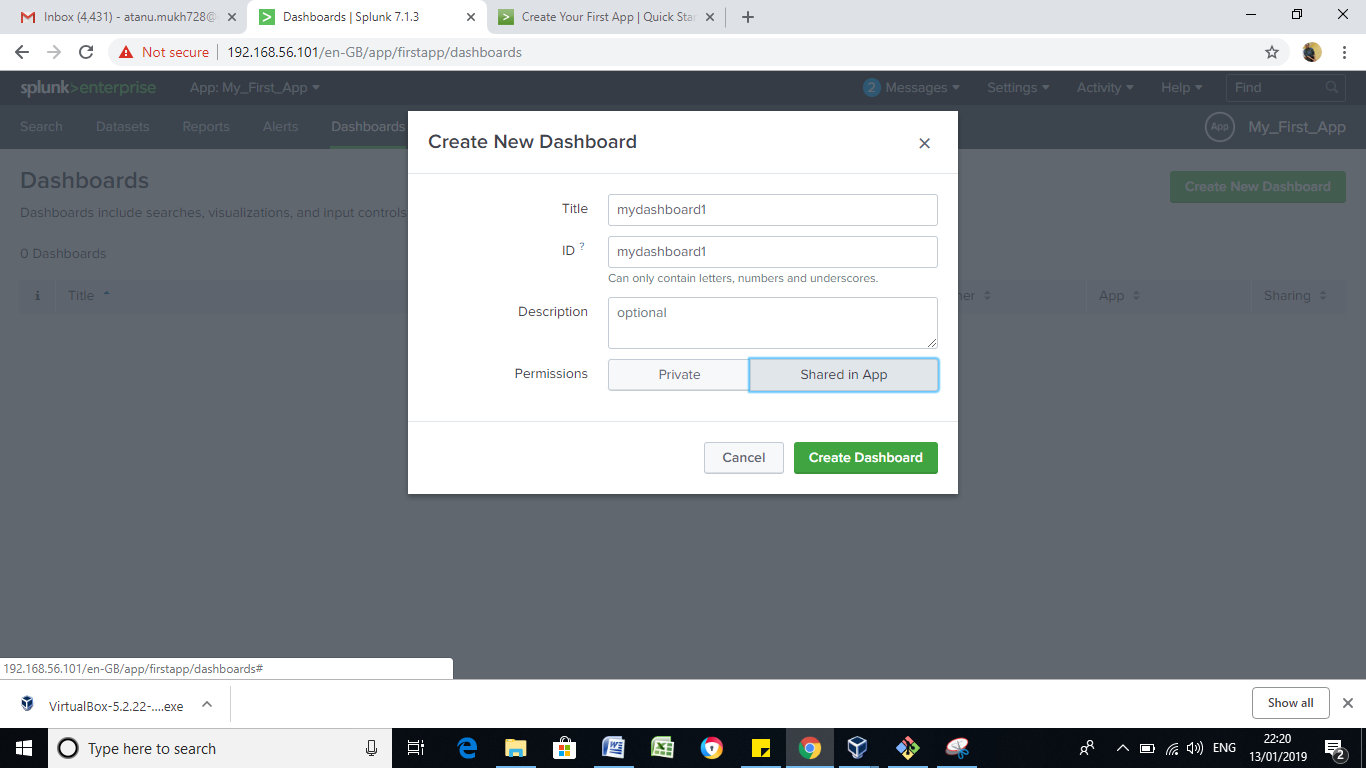
* Create some dashboard under the new app. As shown below procedure to create new dashboard or can move already created dashboard under app if that app require.
* Click “User Interface” and then “Add New View”



*Fig.9*



*Fig.10*



*Fig.11*

Once the dashboard is created you will get some \*.xml file under **“views”** directory (local/data/ui/views). While creating the dashboard every dashboard will have some id we have to mention that in our **“default.xml”** under **“nav”** (local/data/ui/nav).

* Below is shown the dashboard created and the \*.xml file is created under views

[root@4aecaf7d3d6f nav]# ls

default.xml

[root@4aecaf7d3d6f nav]# vi default.xml

[root@4aecaf7d3d6f nav]# cd ../views/

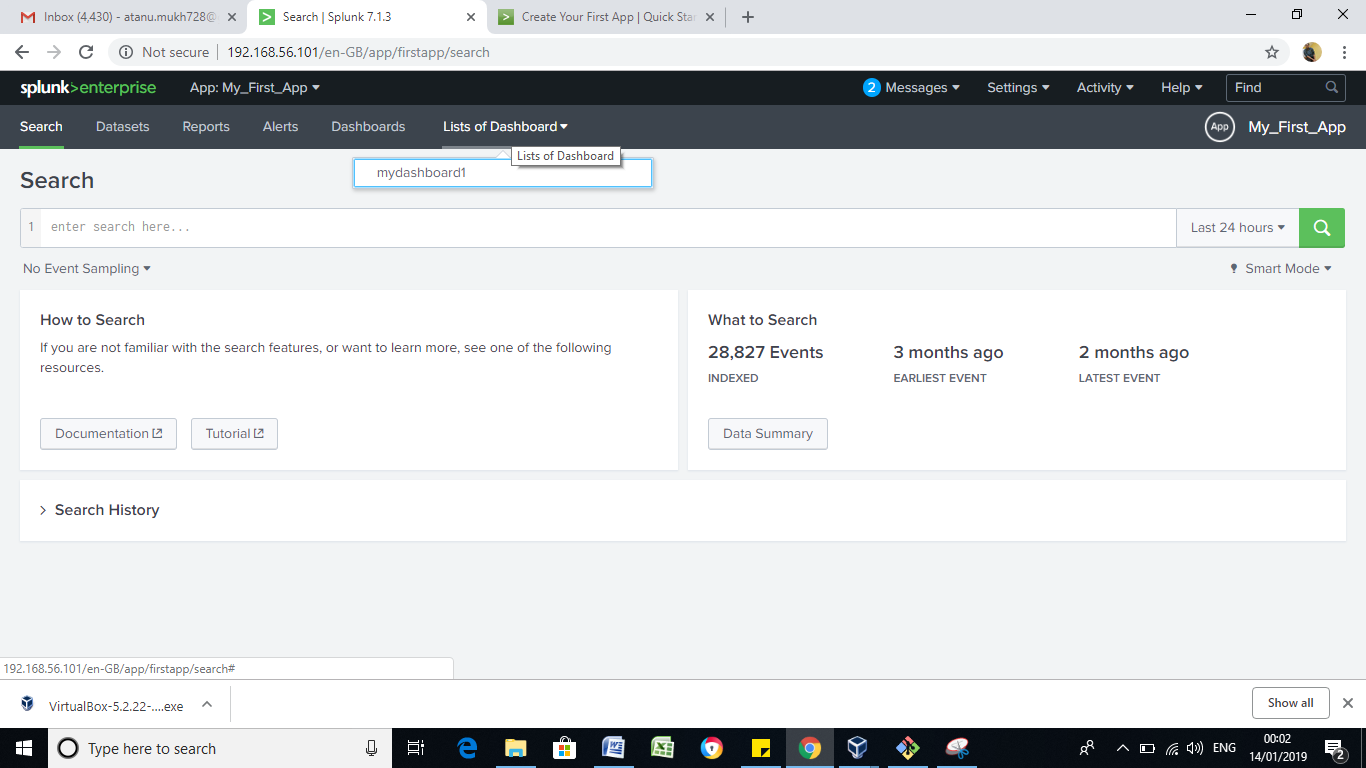
[root@4aecaf7d3d6f views]# ls

mydashboard1.xml

[root@4aecaf7d3d6f views]# pwd

/opt/splunk/splunk/etc/apps/firstapp/local/data/ui/views

* Below fig shows the option under menu “List of Dashboard” the option of “mydashboard1”



*Fig.12*

You can have multiple dashboards. Also we can have savesearch and Alerts.

* Below figs shows how we can add multiple option under one menu. Below are the various ways we can do modification.

[root@4aecaf7d3d6f bin]# cat /opt/splunk/splunk/etc/apps/firstapp/local/data/ui/nav/default.xml

<nav search\_view="search">

<view name="search" default='true' />

<view name="datasets" />

<view name="reports" />

<view name="alerts" />

<view name="dashboards" />

<collection label="Lists of Dashboard">

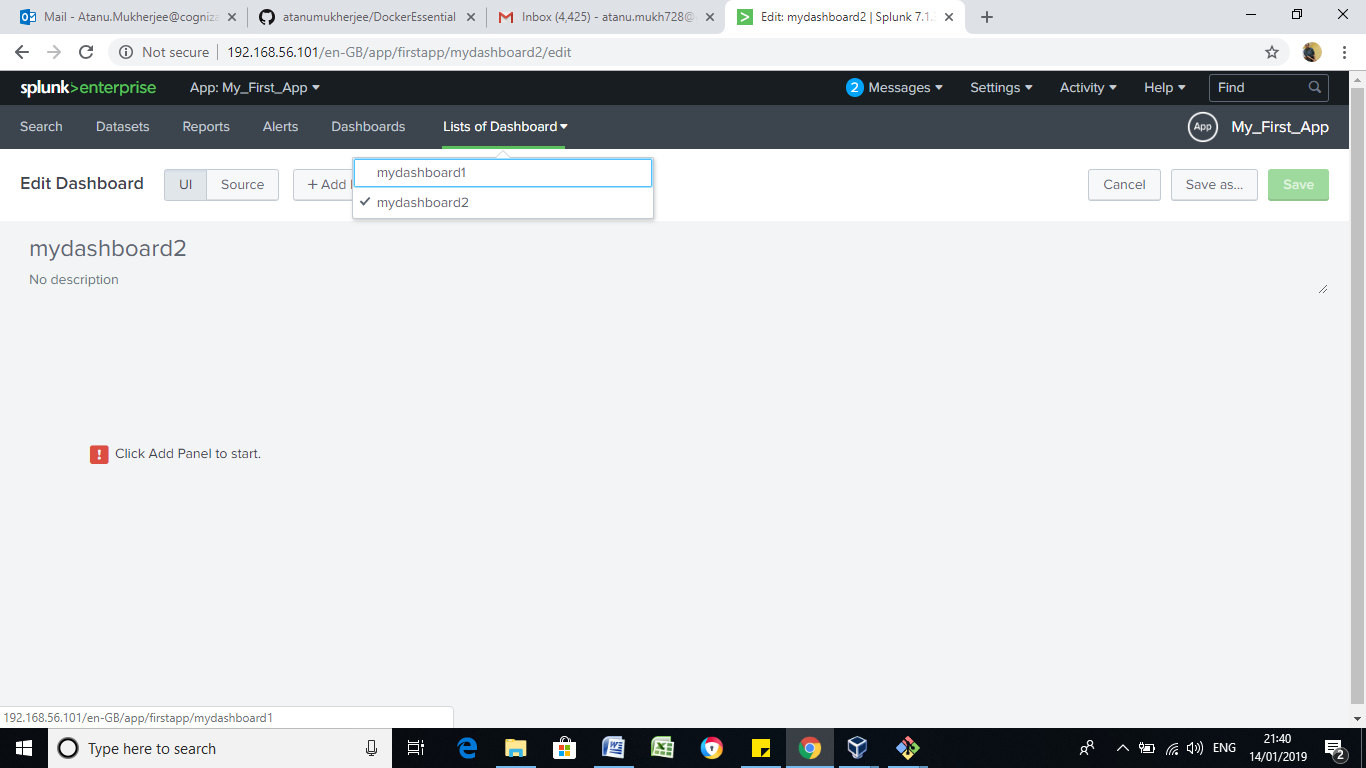
<view name="mydashboard1" />

<view name="mydashboard2" />

</collection>

</nav>

[root@4aecaf7d3d6f bin]#



*Fig.13*

[root@4aecaf7d3d6f bin]# cat /opt/splunk/splunk/etc/apps/firstapp/local/data/ui/nav/default.xml

<nav search\_view="search">

<collection label="Search">

<view name="search" default='true' />

<view name="datasets" />

<view name="reports" />

<view name="alerts" />

<view name="dashboards" />

</collection>

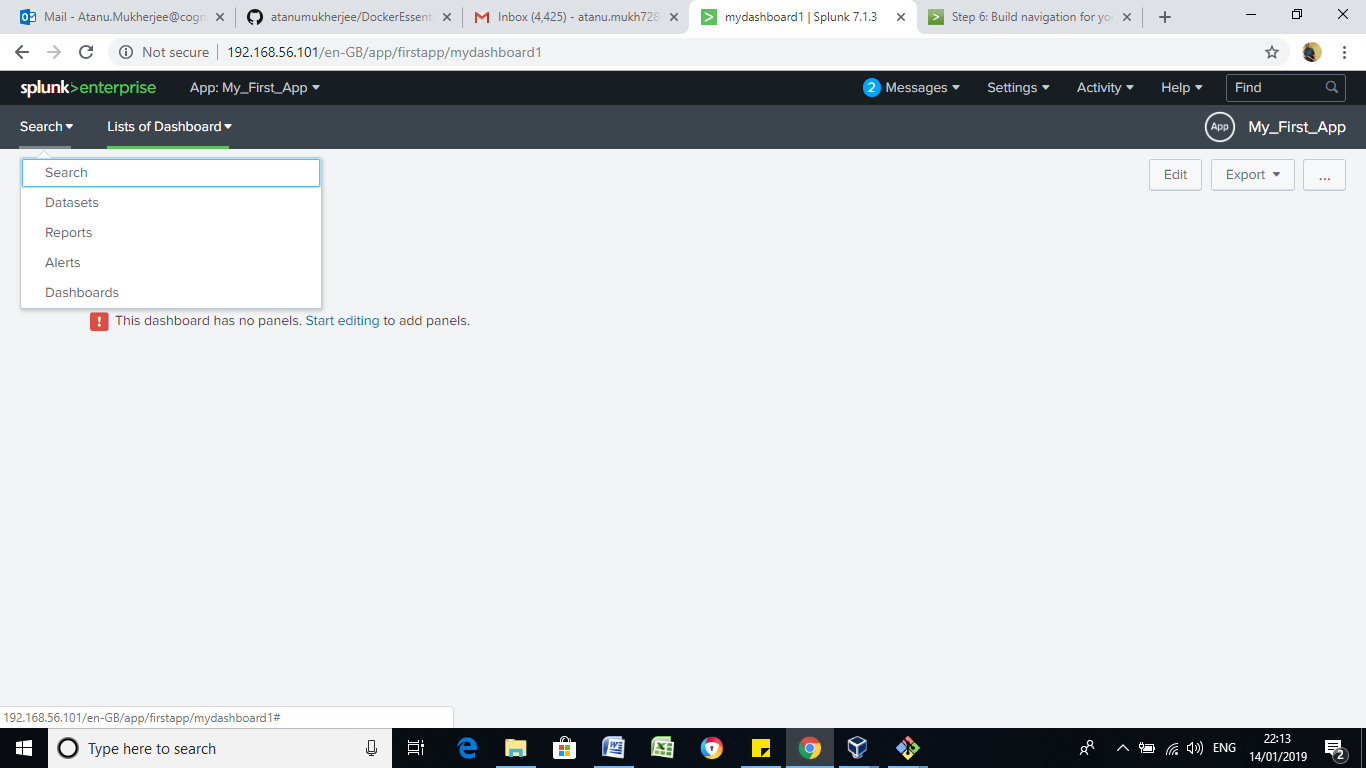
<collection label="Lists of Dashboard">

<view name="mydashboard1" />

<view name="mydashboard2" />

</collection>

</nav>



*Fig.14*