

Project Planning Phase

Date	12 October 2022
Team ID	PNT2022TMID46119
Project Name	IOT BASED SAFETY GADGETS FOR CHILD SAFETY MONITORING AND NOTIFICATIONS

Launch the Cloudant DB and Create database to store the location data

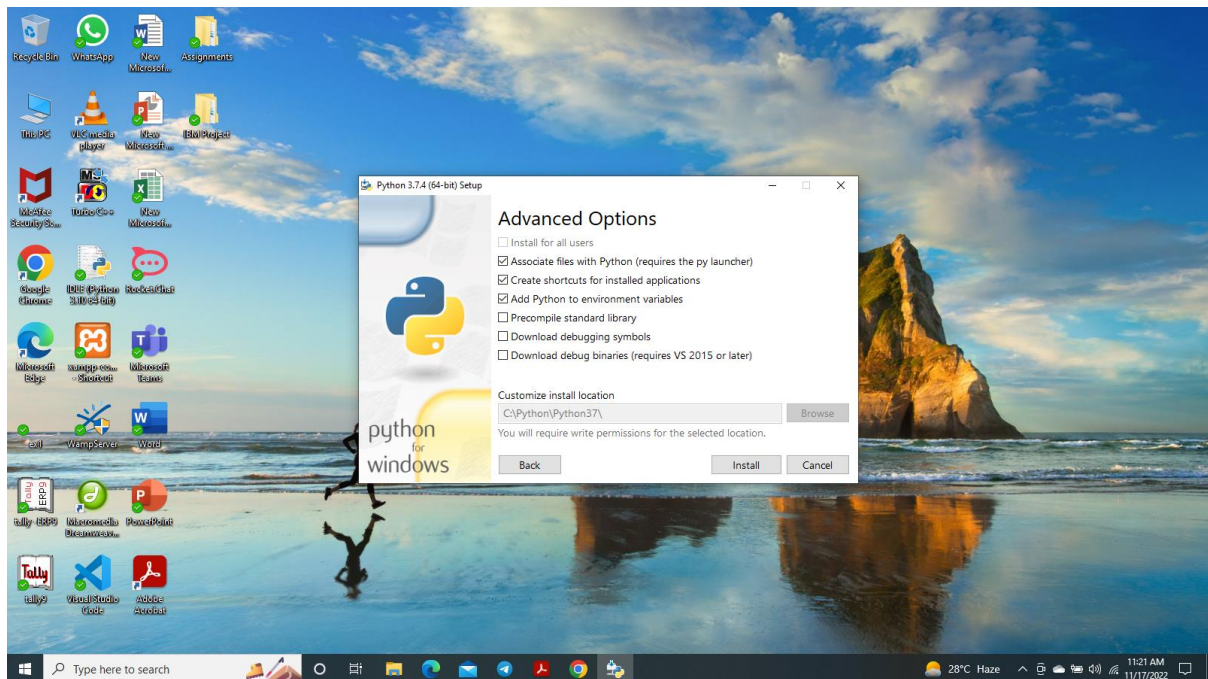
The screenshot shows the IBM Cloud console for a Cloudant database instance named 'node-red-nxxfh-2022--cloudant-1667453638508'. The instance is in an 'Active' state. The 'Overview' tab is selected, displaying deployment details such as CRN, Location (Chennai), and External endpoints. A 'Launch Dashboard' button is visible in the top right corner of the overview section.

Deployment details	
CRN	crn:v1:bluemix:public:cloudantnosqldb:in-che:a/56d0d5b3dca54713a2ef9aa624c2f893:df659779-28fb-4698-856c-16bd7749c10d::
Location	Chennai
External endpoint	https://4e53bcc7-f91c-4f07-87b8-c9452f3db25c-bluemix.cloudant.com
External endpoint (preferred)	https://4e53bcc7-f91c-4f07-87b8-c9452f3db25c-bluemix.cloudantnosqldb.appdomain.cloud
Authentication methods	IBM Cloud IAM and Cloudant credentials Migrate to IAM Only
Activity Tracker event types	
Disk encryption	Yes. Automatically generated disk encryption key.

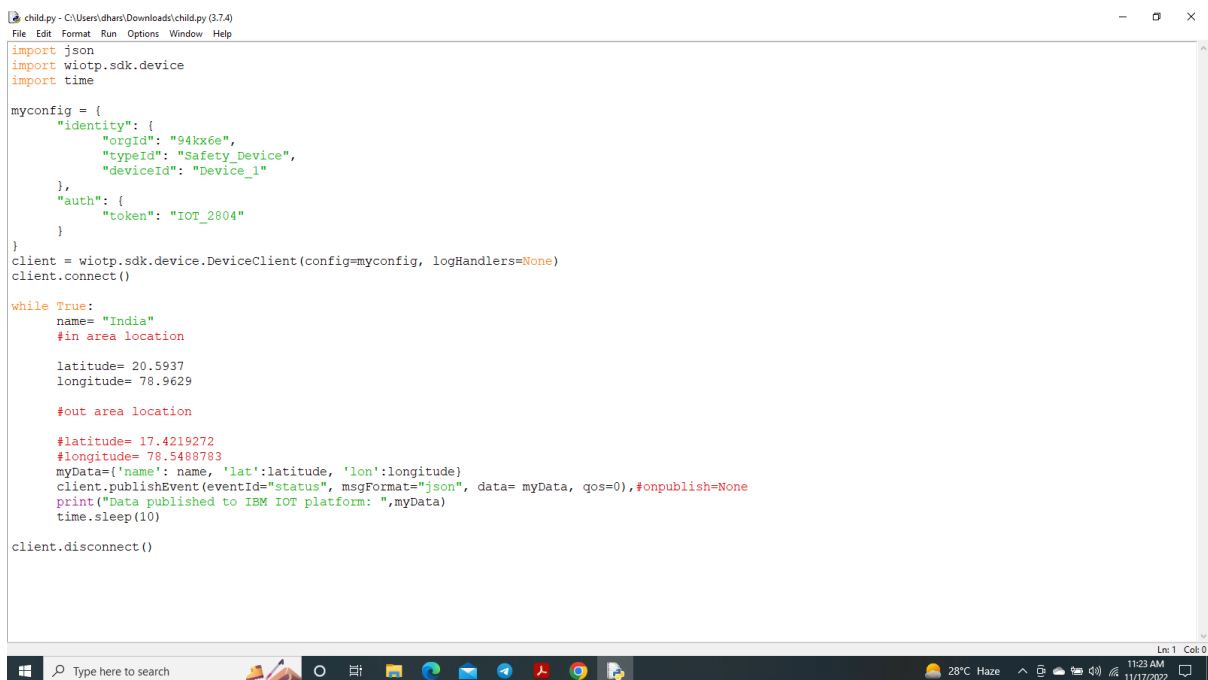
The screenshot shows the Cloudant Dashboard for the instance. A table titled 'Your Databases' lists the existing databases. One database, 'childsafety', is shown with a size of 30 bytes and 1 document. The dashboard includes a sidebar with navigation icons and a top bar with a 'Create Database' button.

Name	Size	# of Docs	Partitioned	Actions
childsafety	30 bytes	1	No	Add Edit Delete

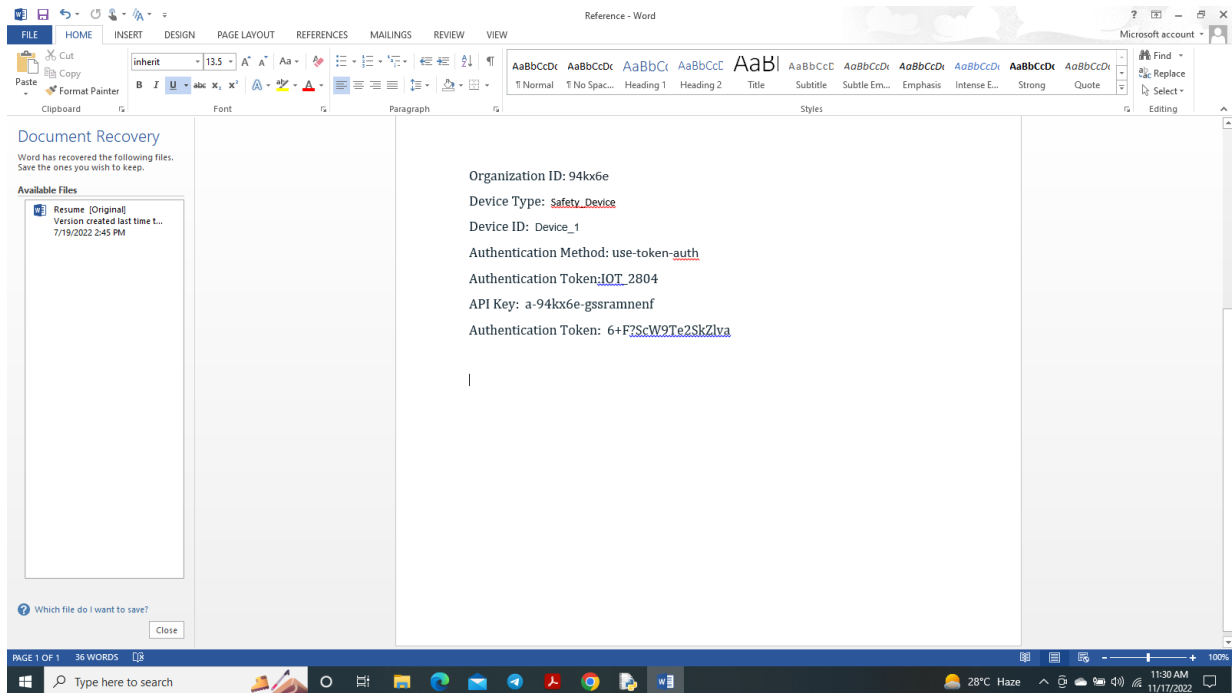
Install the python software



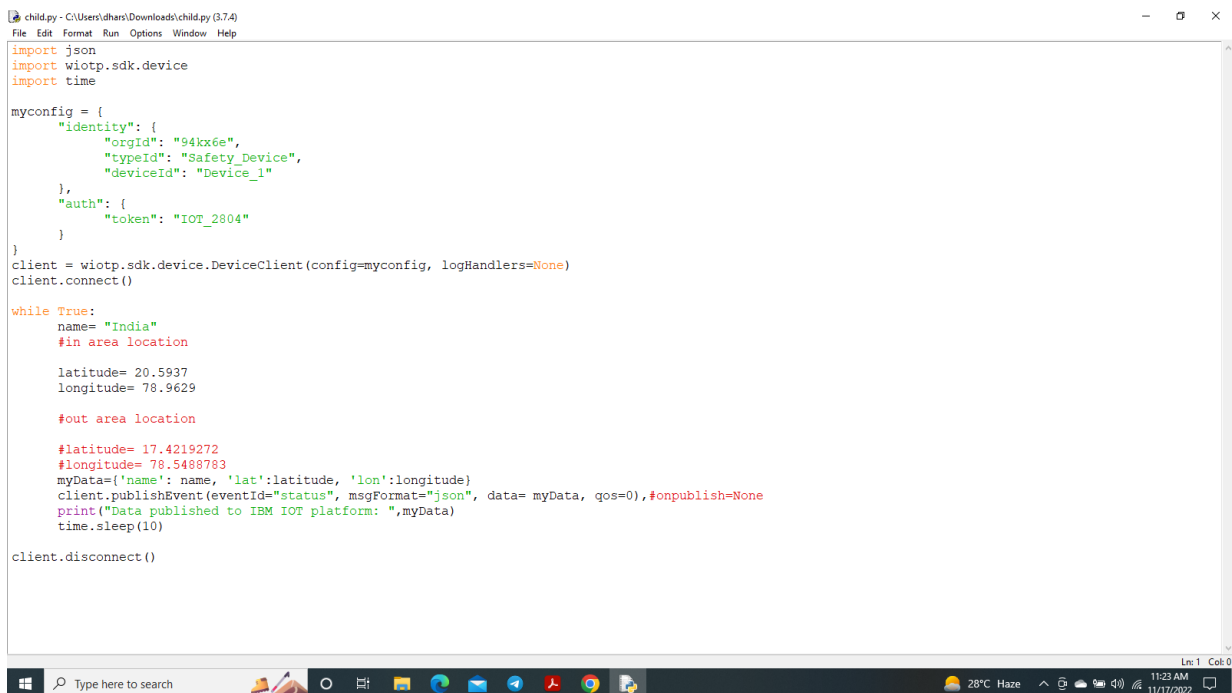
Develop the python scripts to publish details to IBM IoT Platform



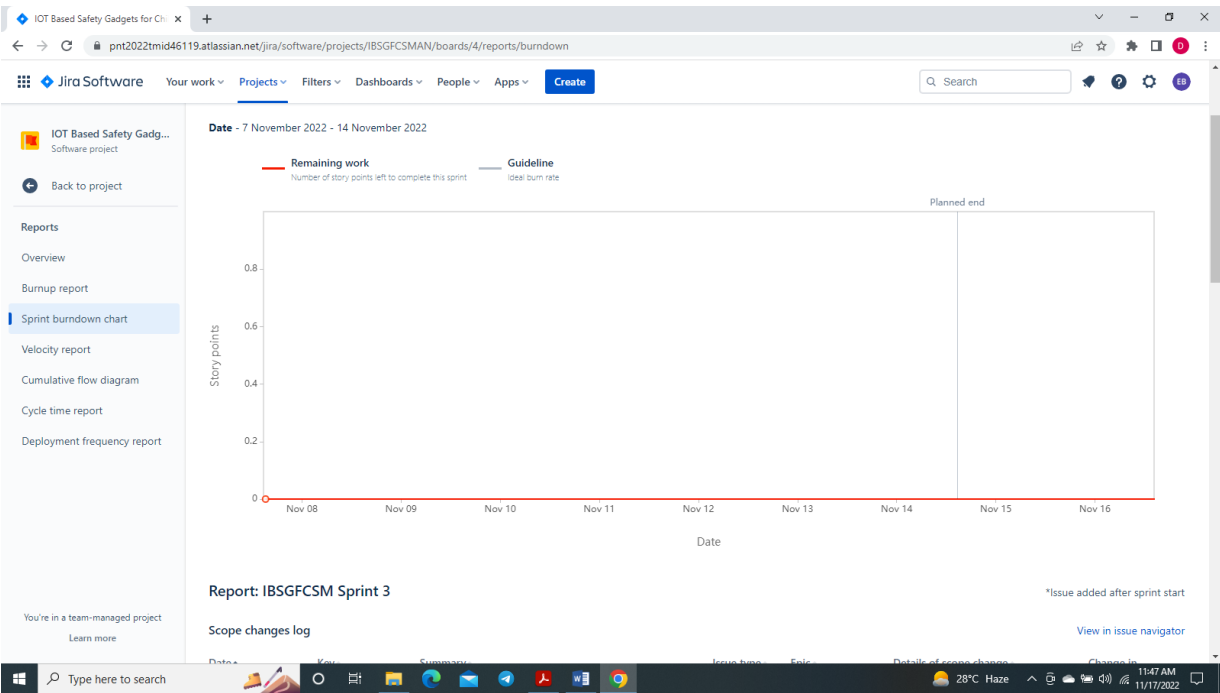
Integrate the device id, authentication token in python script



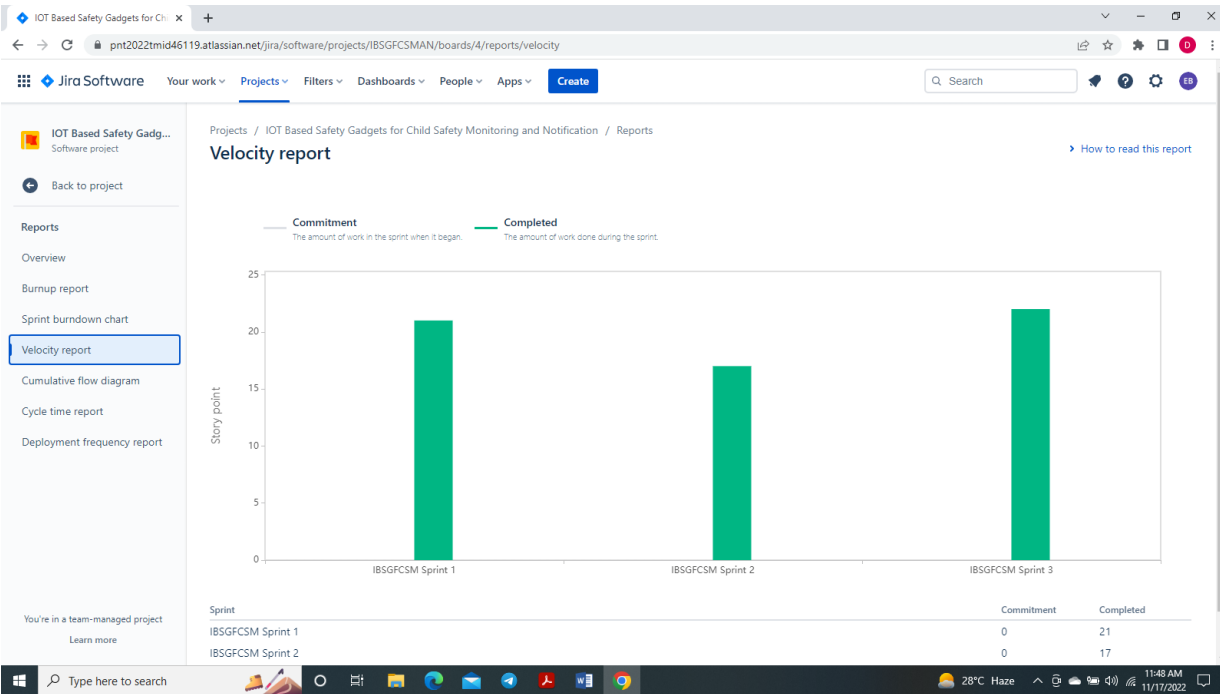
Develop the python code for publishing the location (latitude & longitude) to IBM IoT Platform



Burndown Chart



Velocity Chart



Roadmap

