

# Project Development Phase

## Gas Leakage monitoring & Alerting system

TEAM ID: PNT2022TMID39307

### TEAM MEMBERS

ROLE	TEAM MEMBERS NAME	ROLL NO
TEAM LEADER	NITHISH KUMAR.P	(422619104031)
TEAM MEMBER 1	SATHYA.R	(422619104038)
TEAM MEMBER 2	SUBASHINI.P	(422619104042)
TEAM MEMBER 3	SURYA.A	(422619104043)
TEAM MEMBER 4	VISHAL GANDHI.G	(422619104302)

## Project Development - Delivery Of Sprint-1

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Create The IBM Watson IoT Platform And A Device	USN- 1	In order to connect the IoT device to the IBM cloud, create a device in the IBM Watson IoT platform and get the device credentials.	10	HIGH	NITHISH KUMAR.P

### Delivery

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	20	6 Days	24 Oct 2022	29 Oct 2022	20	29 Oct 2022

## Hardware / Software requirements

### Hardware:

Processor: Intel Pentium

Ram: 512 MB

Storage: 256 MB

### Software:

IBM Watson Assistant, Browser

## Create IBM Watson IOT Platform

**Task assigned:** NITHISH KUMAR.P

**Task started on:** 26 - 10 - 2022

**Task completion date:** 27 - 10 - 2022

## Progress 1: Registered for an IBM cloud account and set up the IBM Watson IOT Platform.

The screenshot shows the IBM Cloud Catalog page for the 'Internet of Things Platform'. The page is divided into several sections:

- Header:** Includes the IBM Cloud logo, a search bar, and navigation links like 'Catalog', 'Manage', and 'nithish kumar's Account'.
- Left Sidebar:** Contains metadata for the service, including 'Type: Service', 'Provider: IBM', 'Updated on: 08/15/2022', 'Category: Internet of Things', 'Compliance: IAM-enabled', 'Location: Frankfurt, London, Dallas, Washington DC', and 'Related links: Docs, Terms'.
- Main Content Area:**
  - Buttons:** 'Create' and 'About' buttons are visible.
  - Select a location:** A dropdown menu shows 'Frankfurt (eu-de)'.
  - Select a pricing plan:** A table lists available plans. The 'Lite' plan is selected, showing features like 'Includes up to 500 registered devices, and a maximum of 200 MB of each data metric' and 'Maximum of 500 application bindings'.
- Right Sidebar (Summary):** Provides a quick overview of the selected plan, including 'Location: Frankfurt', 'Plan: Lite', 'Service name: Internet of Things Platform-2a', and 'Resource group: Default'. It also includes a checkbox for 'I have read and agree to the following license agreements:' and buttons for 'Create' and 'Add to estimate'.

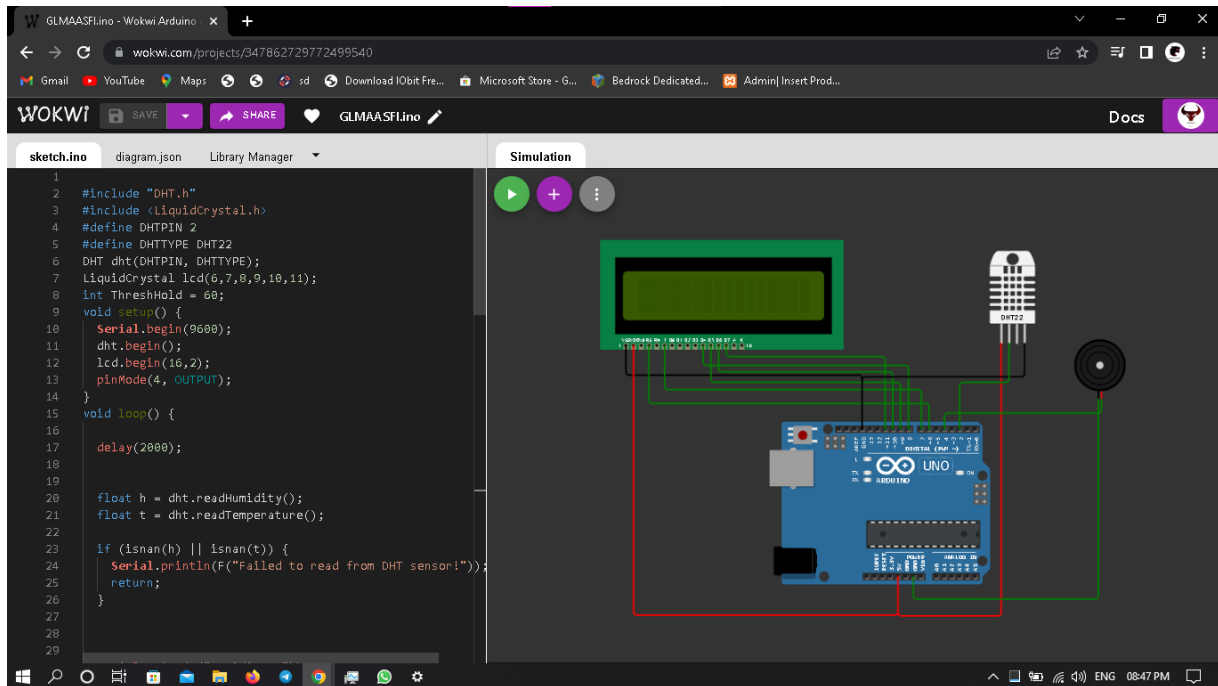
## Progress 2: Successfully created Watson's IOT Platform

The screenshot shows the 'Internet of Things Platform-2a' resource page in the IBM Cloud console. The page is divided into several sections:

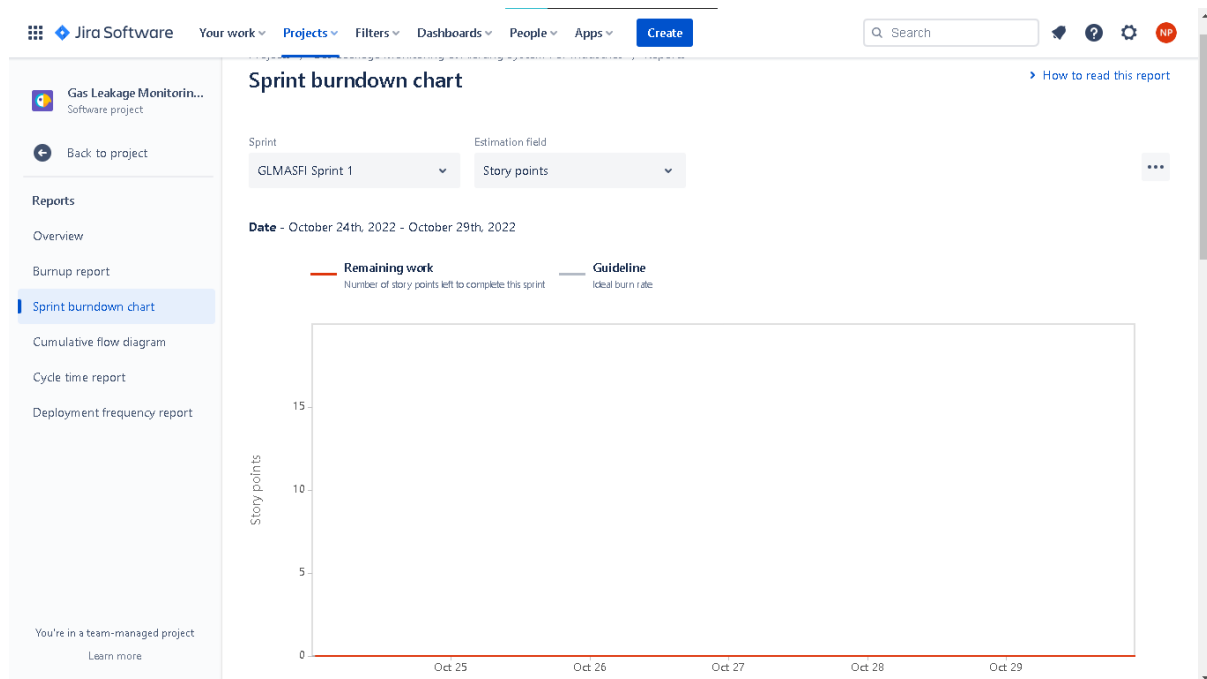
- Header:** Includes the IBM Cloud logo, a search bar, and navigation links like 'Catalog', 'Manage', and 'nithish kumar's Account'.
- Left Sidebar:** Contains navigation links for 'Manage', 'Plan', and 'Connections'.
- Main Content Area:**
  - Resource Overview:** Shows the resource name 'Internet of Things Platform-2a' with a status of 'Active' and an 'Add tags' link.
  - Let's get started with IBM Watson IoT Platform:** A section with a diagram of a device connected to a cloud, followed by a 'Launch' button and a 'Docs' link.
  - Ready for the next level? IBM Watson IoT Platform Journey:** A section with three columns representing different service plans: 'Lite', 'Non-Production', and 'Production'. Each column has a progress indicator and a description of the plan's features and pricing.
- Right Sidebar:** Contains a 'Details' link and an 'Actions...' dropdown menu.

# Creating a IOT device using (WOKWI)

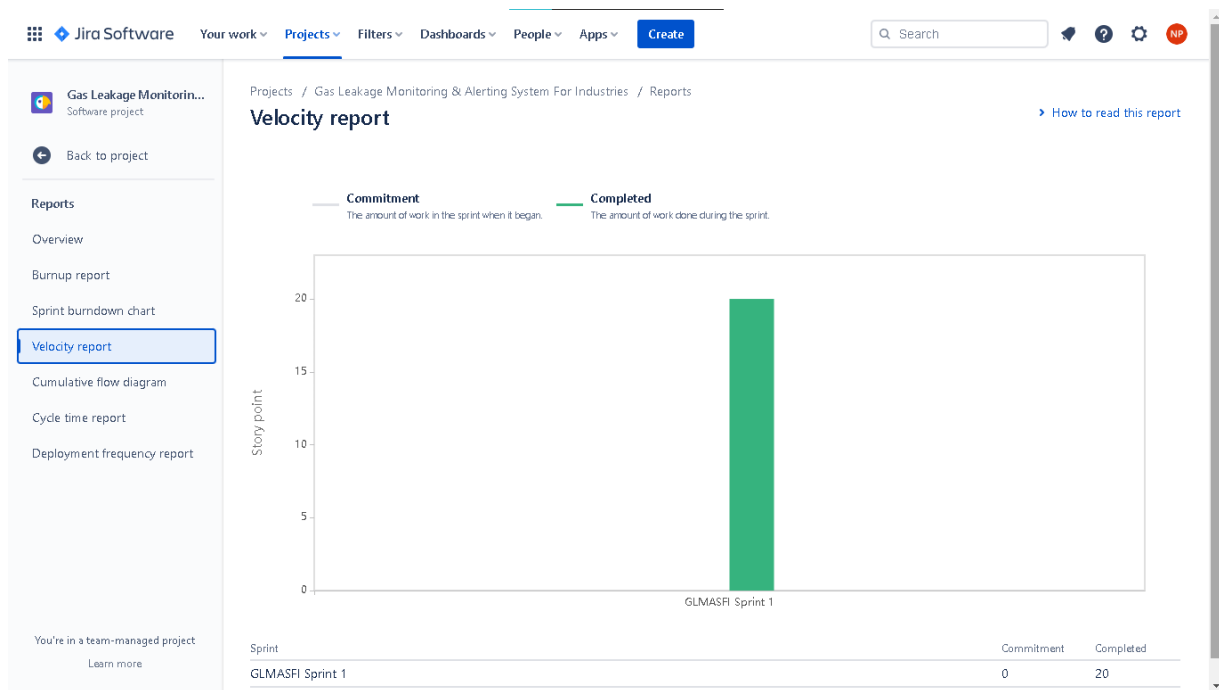
Progress 1: created an IOT device



## Sprint burndown chart:



## Velocity report :



# Roadmap:

