

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)
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TEAM MEMBER 3	SURYA.A	(422619104043)
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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:

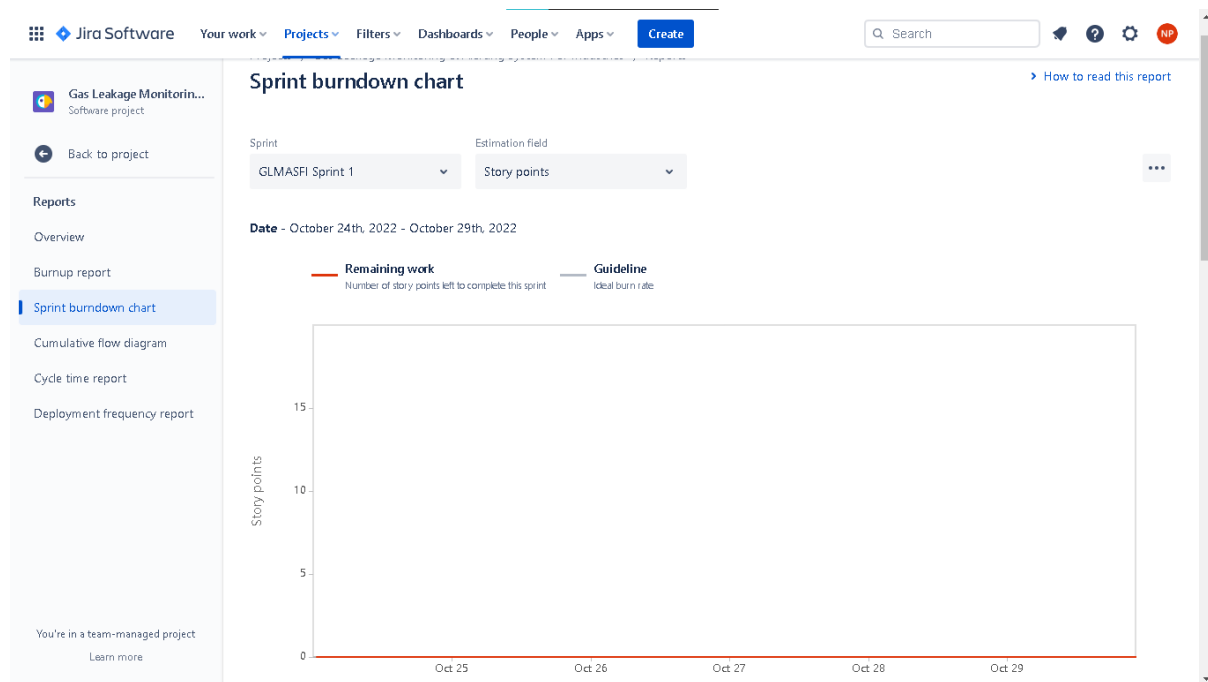
- Header:** Includes the IBM Cloud logo, a search bar, and navigation links like 'Catalog', 'Manage', and 'nithish kumar's Account'.
- Left Sidebar:** Contains metadata for the service, including 'Type: Service', 'Provider: IBM', 'Updated on: 08/15/2022', 'Category: Internet of Things', 'Compliance: IAM-enabled', 'Location: Frankfurt, London, Dallas, Washington DC', and 'Related links: Docs, Terms'.
- Main Content Area:**
 - Buttons:** 'Create' and 'About' buttons are at the top.
 - Select a location:** A dropdown menu shows 'Frankfurt (eu-de)'.
 - Select a pricing plan:** A section with a note: 'Displayed prices do not include tax. Monthly prices shown are for country or location: [United States](#)'.
 - Table:** A table with columns 'Plan', 'Features', and 'Pricing'. 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 a 'Free' price.
- Right Sidebar (Summary):** A dark-themed box titled 'Summary' showing 'Internet of Things Platform' as a 'Free' service. It lists '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:' with a 'Create' button below it.

Progress 2: Successfully created Watson's IOT Platform

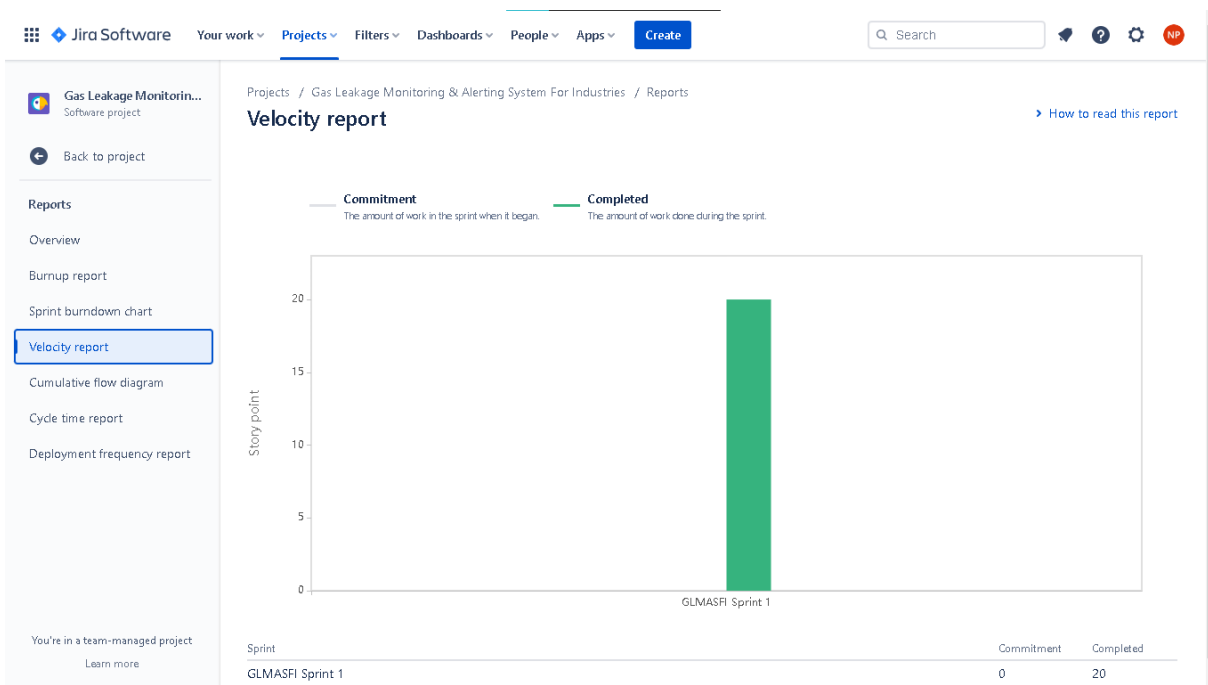
The screenshot shows the 'Internet of Things Platform-2a' resource page in the IBM Cloud console. The page is divided into several sections:

- Header:** Includes the IBM Cloud logo, a search bar, and navigation links like 'Catalog', 'Manage', and 'nithish kumar's Account'.
- Left Sidebar:** Contains a 'Manage' section with links to 'Plan' and 'Connections'.
- Main Content Area:**
 - Resource List:** Shows 'Internet of Things Platform-2a' with a green 'Active' status and an 'Add tags' link.
 - Details:** A section titled 'Let's get started with IBM Watson IoT Platform' with a 'Launch' button and a 'Docs' link.
 - Ready for the next level?** A section titled 'IBM Watson IoT Platform Journey' with three steps: 'Lite', 'Non-Production', and 'Production'. Each step has a description and a list of features.
- Right Sidebar:** A dark-themed box with a 'Details' button and an 'Actions...' dropdown menu.

Sprint burndown chart:



Velocity report :



Roadmap:

