PROJECT DEVELOPMENT PHASE

DELIVERY OF SPRINT 3

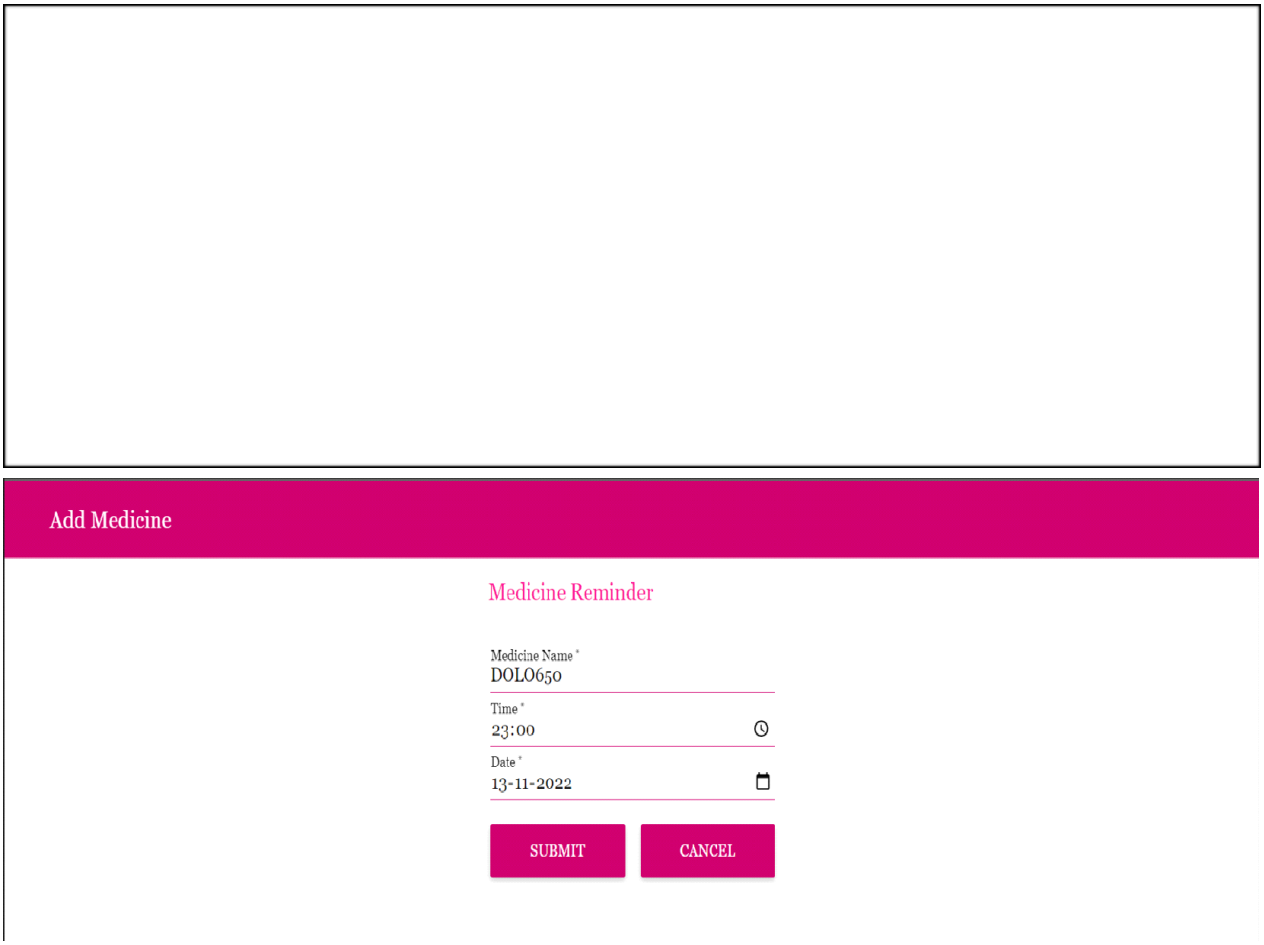
Date	18 November 2022
Team ID	PNT2022TMID48112
Project Name	Project – Personal Assistance for senior citizens who are self-reliant

SPRINT III:Hardware Implementation

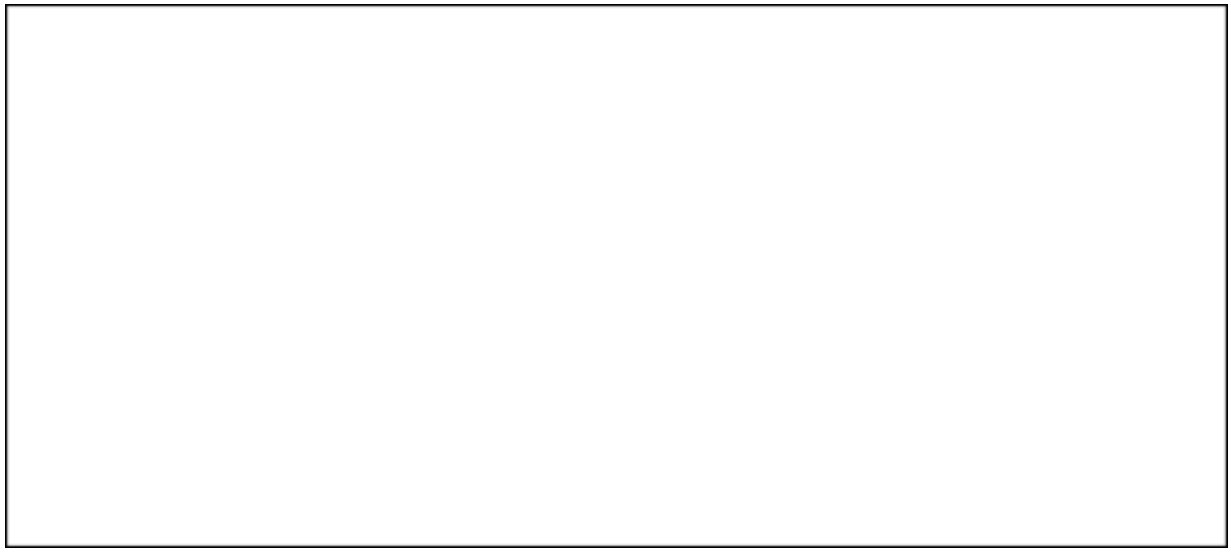
Objective:

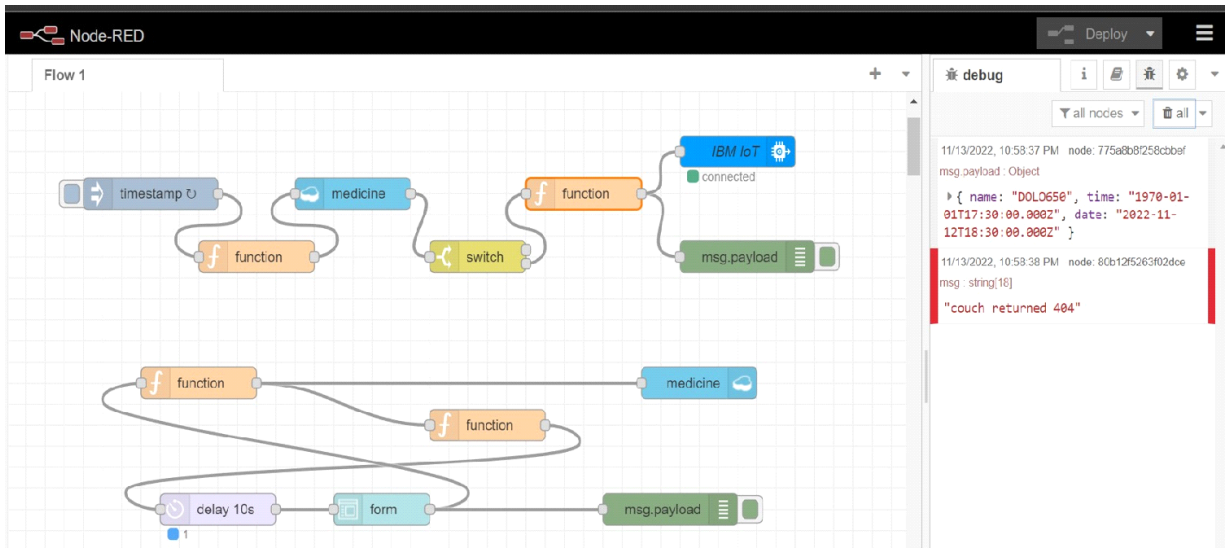
Developing code to retrieve data from cloudant db to send that data to IoT device at the appropriate time.

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Registration: Creation of IBM services like NodeRED, Cloudant DB, TTS Service and design of IoT system	USN-1	As a user,I should login into my IBM Cloud account.	2	High	Mark Gerald, Kingston Leonard
Sprint-2	Web UI: Creating web UI using node-red and connect it to IBM Cloudant db	USN-2	As a user,I should be able to feed the medicine name and intake time in the web UI	2	High	Melodina Carnelian D, Rufus A.R
Sprint-3	Hardware implementation: Developing code to retrieve data from cloudant db to send that data to IoT device at the appropriate time	USN-3	As a user, I should be able to send the medicine name to the IoT device at the scheduled time	2	High	Rufus.A.R, Kingston Leonard
Sprint-4	Software implementation: Converting the data received from cloud as voice using IBM Text to Speech service	USN-4	As a user, I must be able hear the medicine name which is to be taken at the appropriate time	2	High	Melodina Carnelian D, Mark Gerald

- 

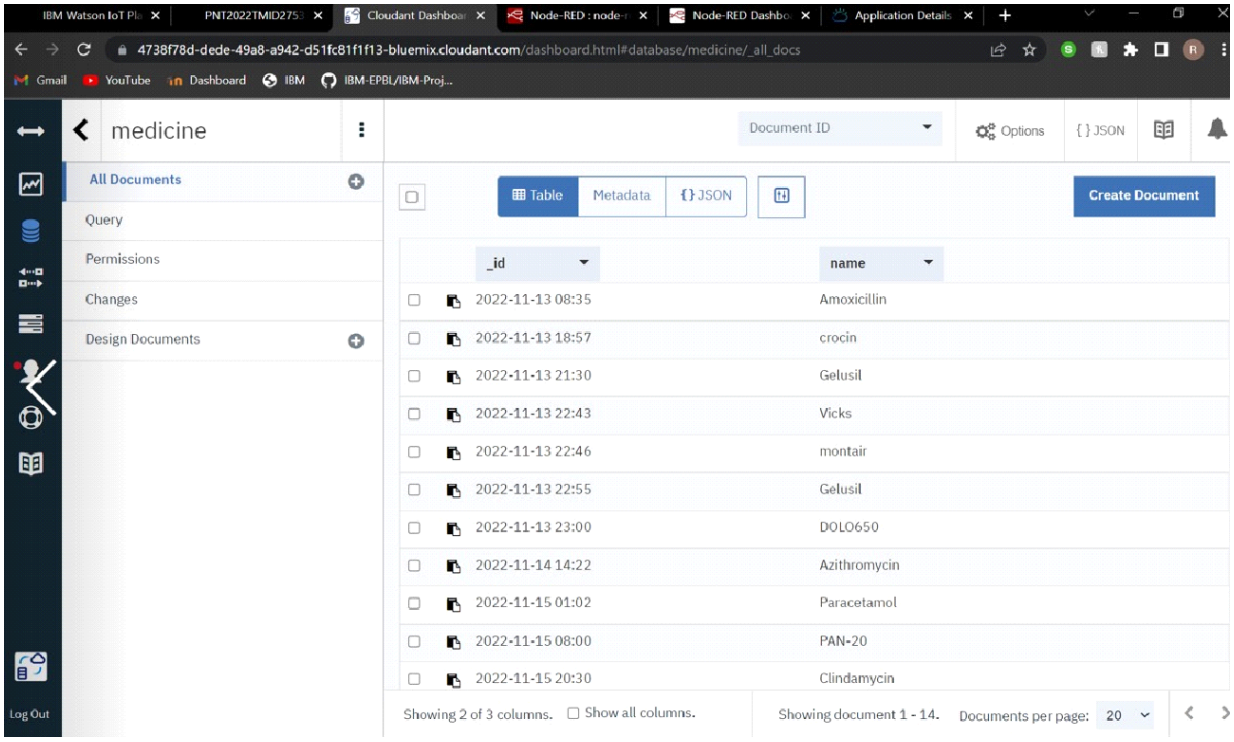
Scheduling medicine name and intake time:

- 

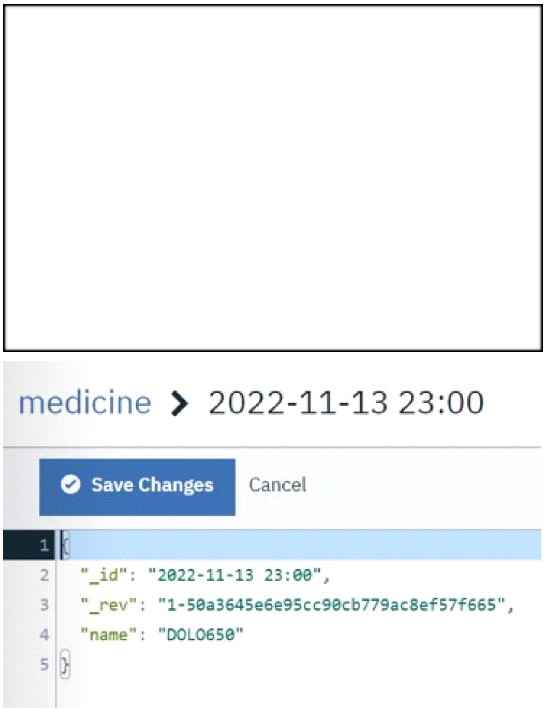


Medicine details displayed in Node-Red debug window:

- **Medicine details pushed and displayed in IBM Cloudant db:**



Scheduled DOLO650 medicine to be take at 23:00(11:00PM)



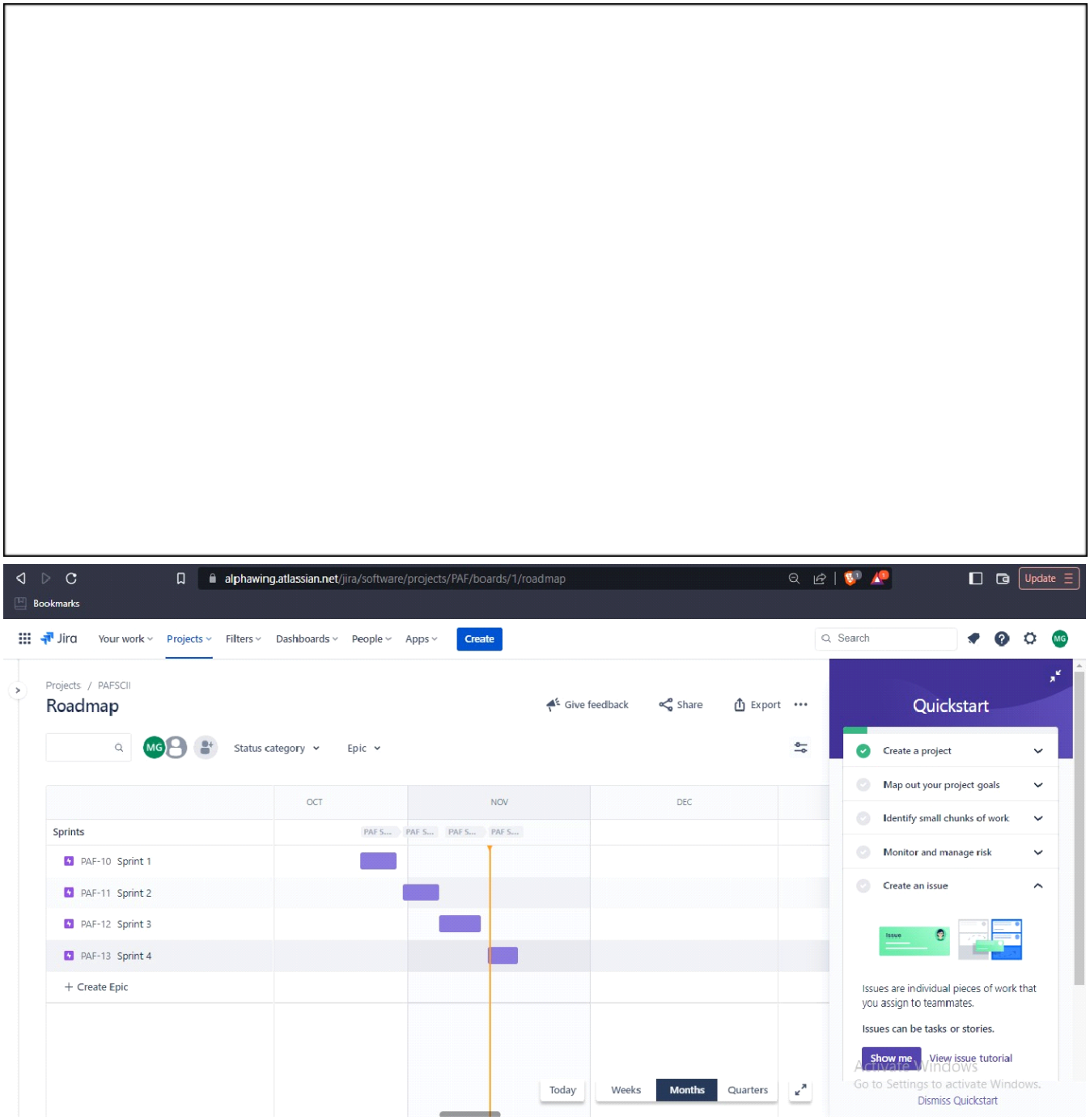
- **Medicine name sent to ESP32 on the scheduled time 23:00:**

- **Medicine name sent to ESP32 on the scheduled time 23:00:**

Medicine name(DOLO650) sent to IBM Watson IoT as ASCII values

Conclusion:

Hardware implementation phase is successfully completed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Bookmarks
Update
Jira
Your work
Projects
Filters
Dashboards
People
Apps
Create
Search
Projects / PAFSCII
Roadmap
Give feedback
Share
Export
Status category
Epic
OCT
NOV
DEC
Sprints
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PAF-11 Sprint 2
PAF-12 Sprint 3
PAF-13 Sprint 4
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Today
Weeks
Months
Quarters
Quickstart
Create a project
Map out your project goals
Identify small chunks of work
Monitor and manage risk
Create an issue
Issues are individual pieces of work that you assign to teammates.
Issues can be tasks or stories.
Show me
View issue tutorial
Activate Windows
Go to Settings to activate Windows.
Dismiss Quickstart

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