

Real-Time River Water Quality Monitoring and Control Systems

• JIRA ROAD MAP

Date	29/10/2022
Team ID	PNT2022TMID52874
Project Name	Real-Time Water Quality Monitoring And Control System

JIRA DOMAIN ID:

<https://pnt2022tmid52874.atlassian.net/jira/software/projects/RTRW/QCS/boards/1/roadmap>

The screenshot displays the Jira Roadmap for the project 'Real-Time Water Quality Monitoring And Control System' (RTRW). The roadmap is organized into a list of tasks, each with a status icon (e.g., 'S' for 'Shipped', 'PS' for 'Partially Shipped', 'PK' for 'Partially Known', 'SR' for 'Shipped Ready') and a progress bar. The tasks are as follows:

- As a user, I can log into the application by entering email & password Get access to IBM cloud services. (Updated, SR)
- To create a node red service to integrate the IBM Watson along with the Web UI (Updated, PS)
- To create a Web UI, to access the data from the cloud And display all parameters (Updated, PS)
- Use Fast SMS to send alert messages once the parameters like pH, Turbidity and temperature goes beyond the threshold (Updated, PK, PS)
- Testing of project and final deliverables (Updated, SR)
- Create a python code to sense the physical quantity And store data. (Updated, PS)
- To create the IBM Watson IoT Platform and integrate the microcontroller with it, to send the sensed data on Cloud (Updated, SR)
- Testing of project and final deliverables (Updated, SR)
- To create a node red service to integrate the IBM Watson along with the Web UI (Updated, SR)
- Use Fast SMS to send alert messages once the parameters like pH, Turbidity and temperature goes beyond the threshold (Updated, SR)
- Fast SMS service (Created, S)
- Administration (Created, S)
- Dashboard (Created, S)

The roadmap is viewed in the 'Worked on' tab, and the 'Create' button is visible in the top right corner. The bottom of the screenshot shows the Windows taskbar with the date and time as 21:24 on 18-11-2022.

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All sprints

0 days remaining Complete sprint

GROUP BY None Insights

TO DO

IN PROGRESS 3 ISSUES

IN REVIEW 4 ISSUES

DONE 4 ISSUES

To create the IBM Watson IoT Platform and integrate the microcontroller with it, to send the sensed data on Cloud
ADMINISTRATION
RTRWQCS-20

login
RTRWQCS-25

Create a python code to sense the physical quantity And store data.
ADMINISTRATION
RTRWQCS-19

As a user, I can log into the application by entering email & password Get access to IBM cloud services.
DASHBOARD
RTRWQCS-9

Confirmation
REGISTRATION
RTRWQCS-24

To create a node red service to integrate the IBM Watson along with the Web UI
FAST SMS SERVICE
RTRWQCS-22

To create a Web UI, to access the data from the cloud And display all parameters
ADMINISTRATION
RTRWQCS-16

As a user, I can register for the application by entering my email, password, and confirming my password.
REGISTRATION
RTRWQCS-1

As a user, I can register for the application through Facebook
REGISTRATION
RTRWQCS-2

As a user, I can register for the applicationAs a user, I can register for the application through Gmail
REGISTRATION
RTRWQCS-3

As a user, I will receive confirmation email once I have registered for the application
REGISTRATION
RTRWQCS-4

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Roadmap

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▶ RTRWQCS-10 Registration						
▶ RTRWQCS-26 Confirmation						
▶ RTRWQCS-27 Login						
▶ RTRWQCS-28 Dashboard						
▶ RTRWQCS-29 Administration						
▶ RTRWQCS-30 Fast SMS service						
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Roadmap

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Sprints		RTRWQCS-10 RTRWQCS Sprint 2...				
▶ RTRWQCS-10 Registration						
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