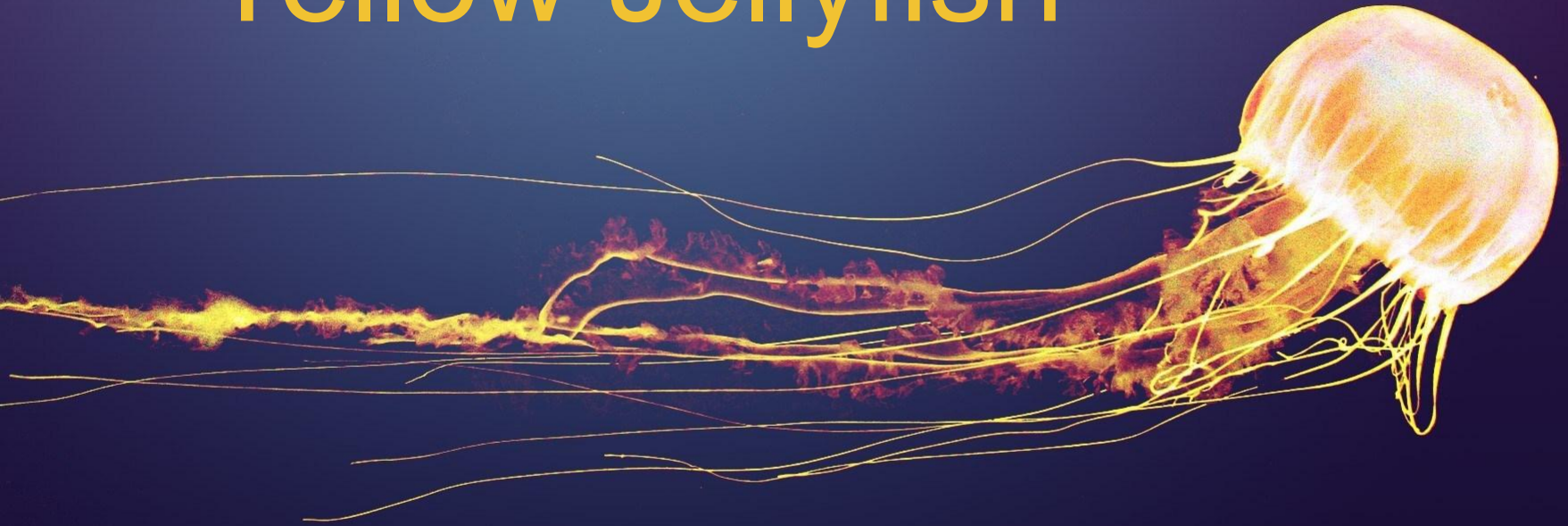


Yellow Jellyfish

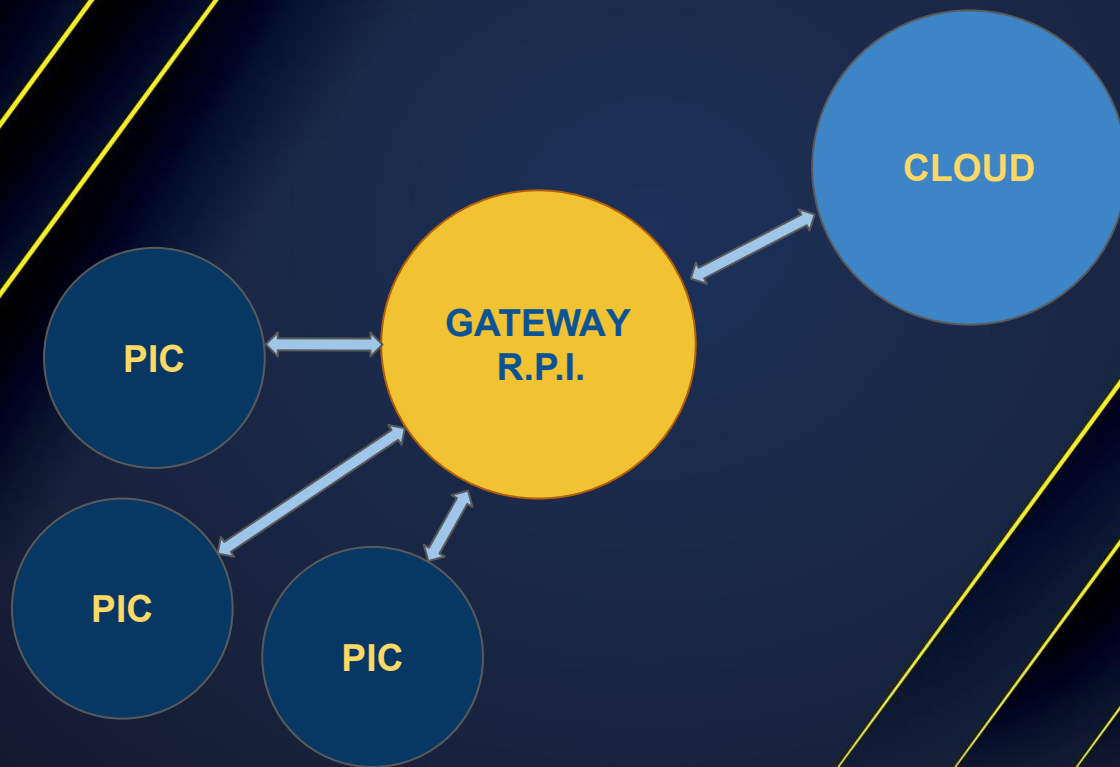


Francesco Marion, Mattia Ros, Davide Viotto, Simone Zoppelletto

LA RICHIESTA

Realizzazione di un sistema di gestione e controllo dello stato di porte e condizioni climatiche dei vagoni di un treno.

LA SOLUZIONE



LE COMPONENTI

CLOUD

- WebApp - Razor pages
- MQTT Protocol - Hivemq
- MongoDB
- Telegram Bot

GATEWAY R.P.I.

- Display Python TKinter
 - Python as binder
 - Redis

PIC

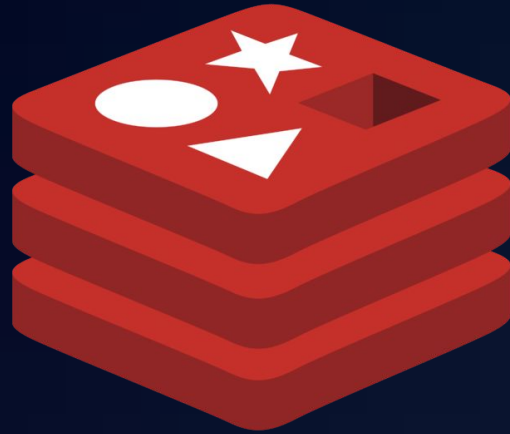
- C
- LCD Display Menu

Pic Microcontroller

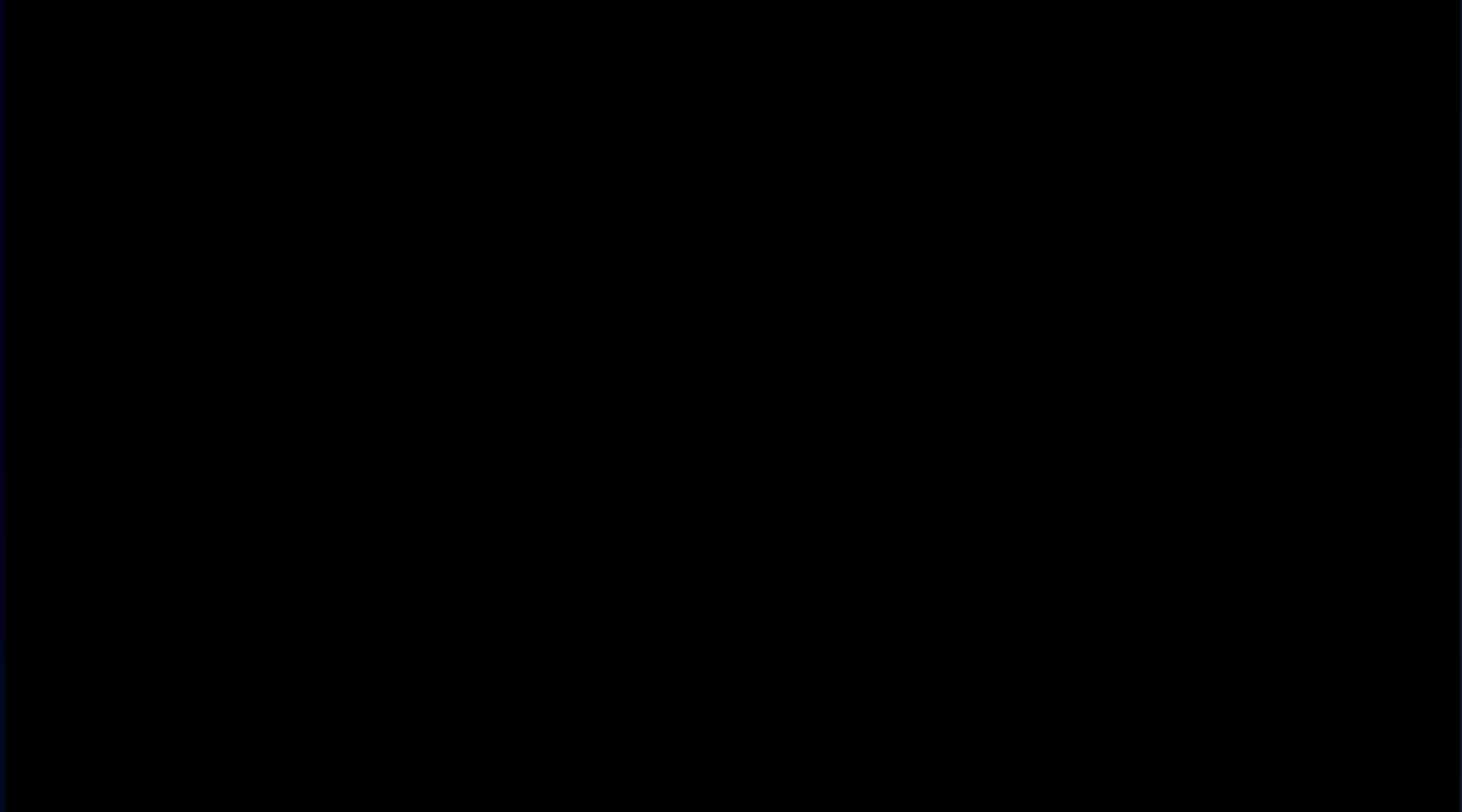


PIC Display Simulation

RPI Technologies



RPI User Interface



CLOUD - MQTT PROTOCOL




CLOUD - User Interface

Login - Train Project Work

localhost:44305/Index?handler=Logout

TrainProjectWork

Login



Username:

Password:

Login

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The background is a solid dark blue color. It is decorated with several thin, parallel yellow lines that run diagonally from the top-left towards the bottom-right. These lines are more densely packed on the left and right sides of the image, creating a sense of depth and movement.

AND NOW ...

The background is a solid dark blue color. It is decorated with several thin, parallel yellow lines that run diagonally from the top-left towards the bottom-right. These lines are grouped into two main clusters, one on the left side and one on the right side of the frame, leaving a central area where the text is located.

GO LIVE !

REPO GITHUB



GRAZIE !!!