**Team 10:**

**team members :**

| | |
|---|---|
| 23011582 | ندى أحمد محمد زيدان |
| 23011583 | ندى عاصم عبد الفتاح عبد القادر |
| 23012070 | هاجر محمد مصطفى زكي |
| 23011059 | جنة سامح عبد العاطي حجازي |
| 23011144 | مرام أحمد راشد عطية |

## Nada Ahmed role:
- wokwi simulation
- esp32 c++ code
- Circuit & sensors handle
- Maquette
- presentation &Report

## Nada Assem role :
- MQTT Connection
- Node Red flow (supabase &flutter)
- esp32 c++ code handle connections & topics
- Maquette

**Ganna Sameh role :**

flutter :

- UI for flutter app
- Maquette
- Report

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**Hager Mohamed role :**

Supabase Integration

● Database tables:

○ users, sensor_readings, alerts, access_logs

● Supabase Auth for login/signup.

- presentation.

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**Maram Ahmed :**

flutter :

- ux flow design

flutter connections handle with :

- supabase
- Mqtt

Database design

# Time line :

## week one :
- project idea
- choose sensors
- Circuit design
- esp32 c++ code

## week two:
- mqtt connection
- Node Red flow
- supabase Integration

## week three:
- flutter app
- Maquette
- presentation
- handle all project files and make some Modifications