

# System Analysis And Design

## Residential Security Monitoring System Mock UI Presentation



UNIVERSITY OF ASIA PACIFIC

Department Of CSE

Course Code: 306



Instructor



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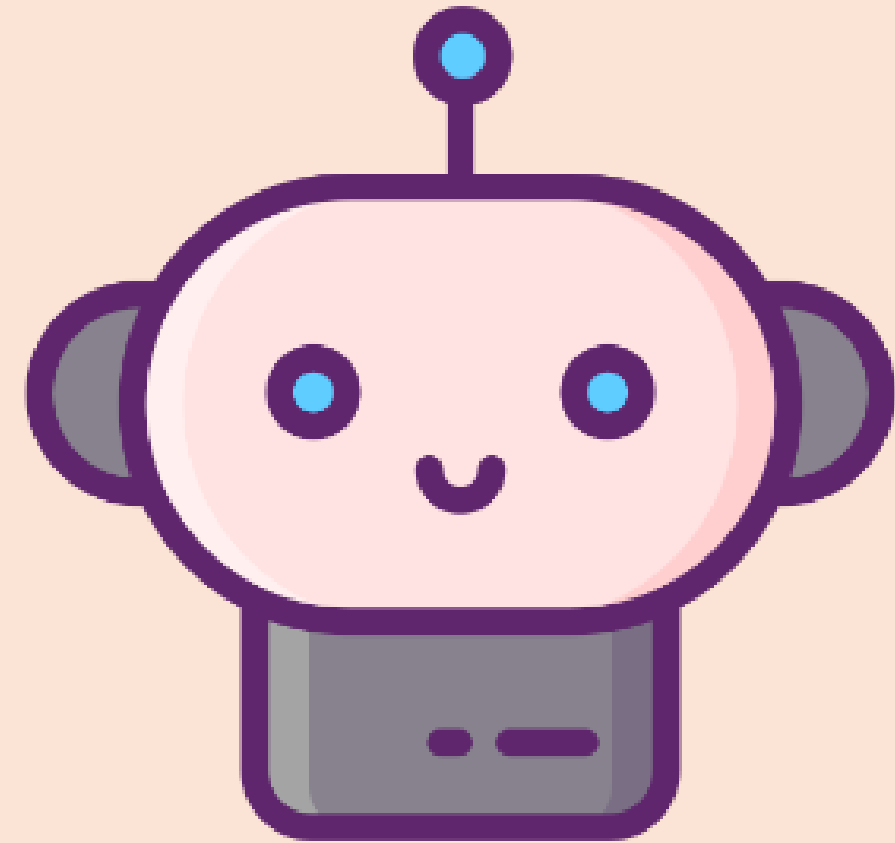
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21201114



Nur Habibah Binte  
Mahbub  
21201103

# User Features

- Device information
- Analytical report
- Timer settings
- Report system
- Security alert
- Emergency services
- Monitoring



# Home Page



Log in

Sign up



***Residential Security Monitoring System***

# Login/Signup

## Login now

Hi, Welcome back 🤖



Login with Google

or Login with Email

Email

Enter your email id

Password

Enter your password

☐

Remember Me

[Forgot Password?](#)

Login

Not registered yet? [Create an account](#) [SignUp](#)

Sign Up



## Create an Account

Hello there, Lets start your journey with us.

Enter your use name

Enter your email

Email or phone number

Enter your password

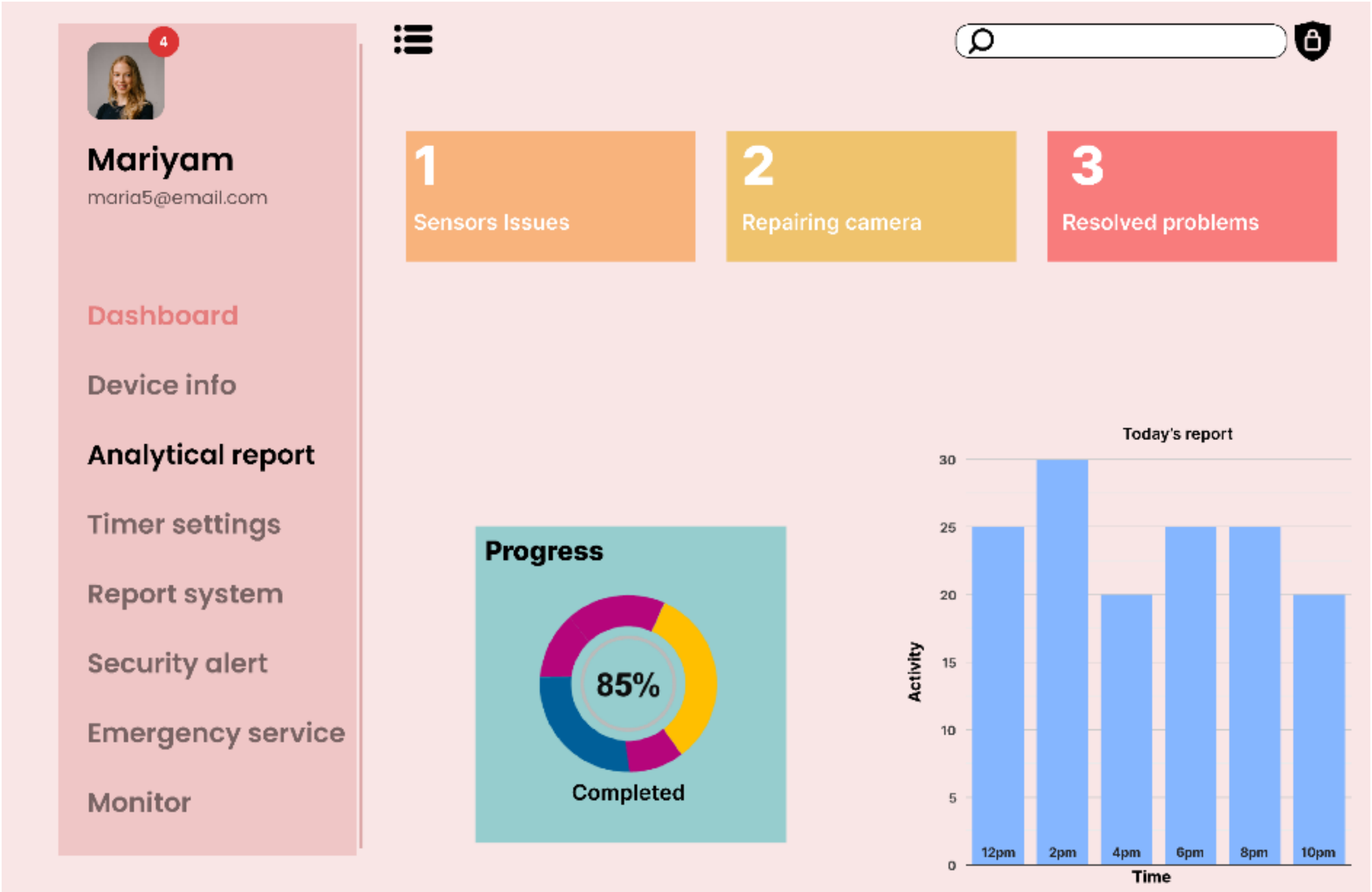


Sign up

Already have an account? [Login now](#)

## Device information

# Analytical report



# Timer settings



4

**Mariyam**

maria5@email.com

Dashboard

Device info

Analytical report

**Timer**

Report system



Security alert

Emergency service

Monitor



**Set Timer**

Edit  

1:00am - 3:00am



12:00pm - 3:00am



11:00pm - 12:00am

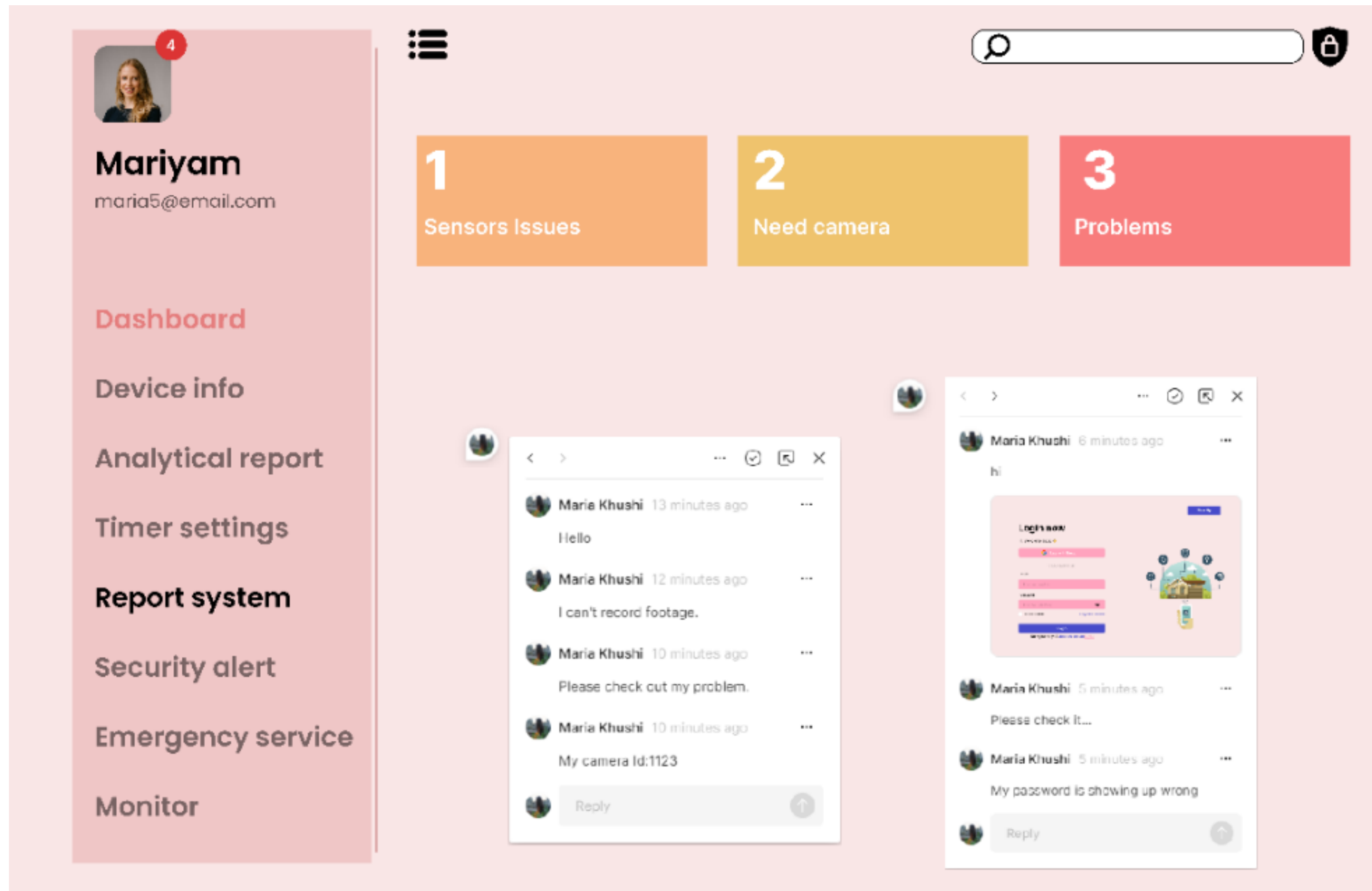


1:00am - 3:00am






# Report system



# Security alert



4

**Mariyam**  
maria5@email.com

Dashboard

Device info

Analytical report


Timer settings



Report system


**Security alert**

Emergency service

Monitor







**!!!ALERT!!!**

# Emergency services



**Mariyam**

mario5@email.com

Dashboard

Device info

Analytical report

Timer settings

Report system

Security alert

**Emergency service**

Monitor



## EMERGENCY SERVICES

In case of emergencies,  
Contact:

- Police: [999]
- Medical: [16263]
- Fire: [16163]
- Admin: [01626378945]



CONTACT US!



e-mail adress




telephone



location

# Monitoring



Mariyam

maria5@email.com

Dashboard

Device info

Analytical report

Timer settings

Report system




Security alert

Emergency service

Monitor

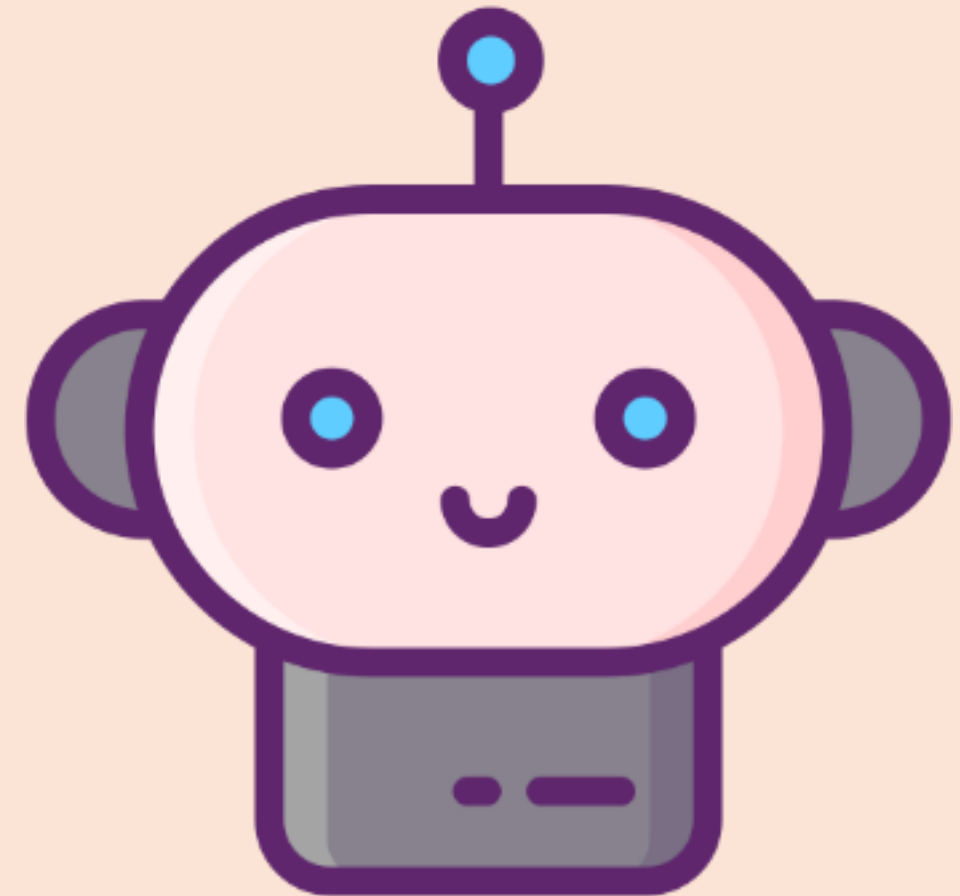
Active

(1-2/1)

R		V1789563946	12.03.2023	00.00.10	0	0
R		V1888863946	12.02.2024	00.10.00	0	0
R		V1789563946	12.03.2024	00.00.20	0	0

# Admin Features

- User Role Management
- Real-time Monitoring
- Alert and Notification
- Analytics and reporting
- Security and compliance
- Device info and update
- Record footage



# User management

- **User Role Management**
  - **User Authentication and Authorization**
    - **User Activity Monitoring and Audit Trails**

## User Management

Dashboard

Real Monitoring

Alert & Notifications

Security and Compliance

Recorded Footage

USER DATABASE			
	A	B	C
1	Roll	Name	Status
2	Admin	Ritu	Active
3	User	Maria	active
4	Admin	Habiba	active

# Real time monitoring

- **Live Video Streaming**
  - **Instant Alerts and Notifications**
  - **Remote Access and Control**

## Real Time Monitoring


Dashboard


Real Monitoring


Alert & Notifications


Security and Compliance

Recorded Footage

 Surveillance Camera - 1

 Surveillance Camera - 2

 Surveillance Camera - 3

 Surveillance Camera - 4

# Alert and notification

- **Customizable Alerts**
  - **Multi-channel Notifications**
    - **Real-time Monitoring and Response**

## Alert & Notification

Dashboard

Real Monitoring

Alert & Notifications

Security and Compliance

Recorded Footage



**Alert &  
Notification**



# Analytics and reporting

- **Incident Analysis and Trend Reporting**
  - **User Activity Monitoring**
    - **Performance Metrics and System Health Monitoring**

## Analytics & Report

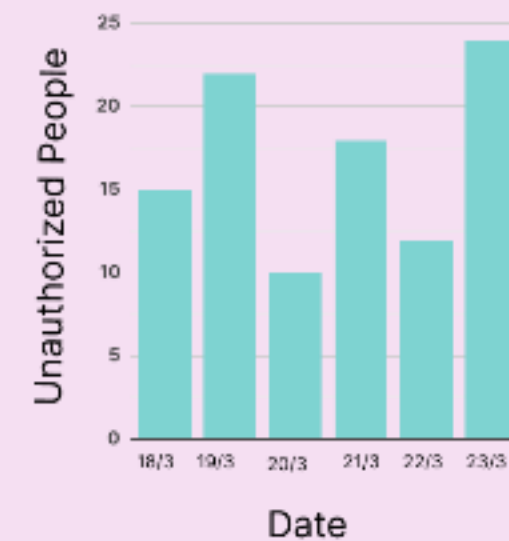
Dashboard

Real Monitoring

Alert & Notifications

Security and Compliance

Recorded Footage



# Security and compliance

- **Role-Based Access Control**
  - **Data Encryption and Secure Transmission**
    - **Audit Trails and Compliance Reporting**

## Security and Compliance

Dashboard

Real Monitoring

Alert & Notifications

Security and Compliance

Recorded Footage



**Security**



**Compliance**

# Device info and update

- **Device Inventory Management**
  - **Remote Configuration and Firmware Updates**
  - **Health Monitoring and Diagnostics**

## Device Info and Update

Dashboard

Real Monitoring

Alert & Notifications

Security and Compliance

Recorded Footage

	Device updates		
	A	B	C
1	Camera	Software Version	Hardware
2	Camera 1	Updated	Good Conditions
3	camera 2	update available	Good Conditions

# Record footage

- **Continuous Recording and Playback**
  - **Event-triggered Recording**
    - **Cloud Storage and Backup**

## Recorded Footage

Dashboard

Real Monitoring

Alert & Notifications

Security and Compliance

Recorded Footage



Recorded Footage of CAM-1



Recorded Footage of CAM-2



Recorded Footage of CAM-3

Thank You!