



FLEXIGATHER

Event Management System

M2: presentation of the lifecycle architecture

Projeto em Informática 2023/24



universidade
de aveiro

Roberto Castro - 107133
Rafaela Abrunhosa - 107658
Marta Inácio - 107826
Tiago Gomes - 108307
Sara Almeida - 108796

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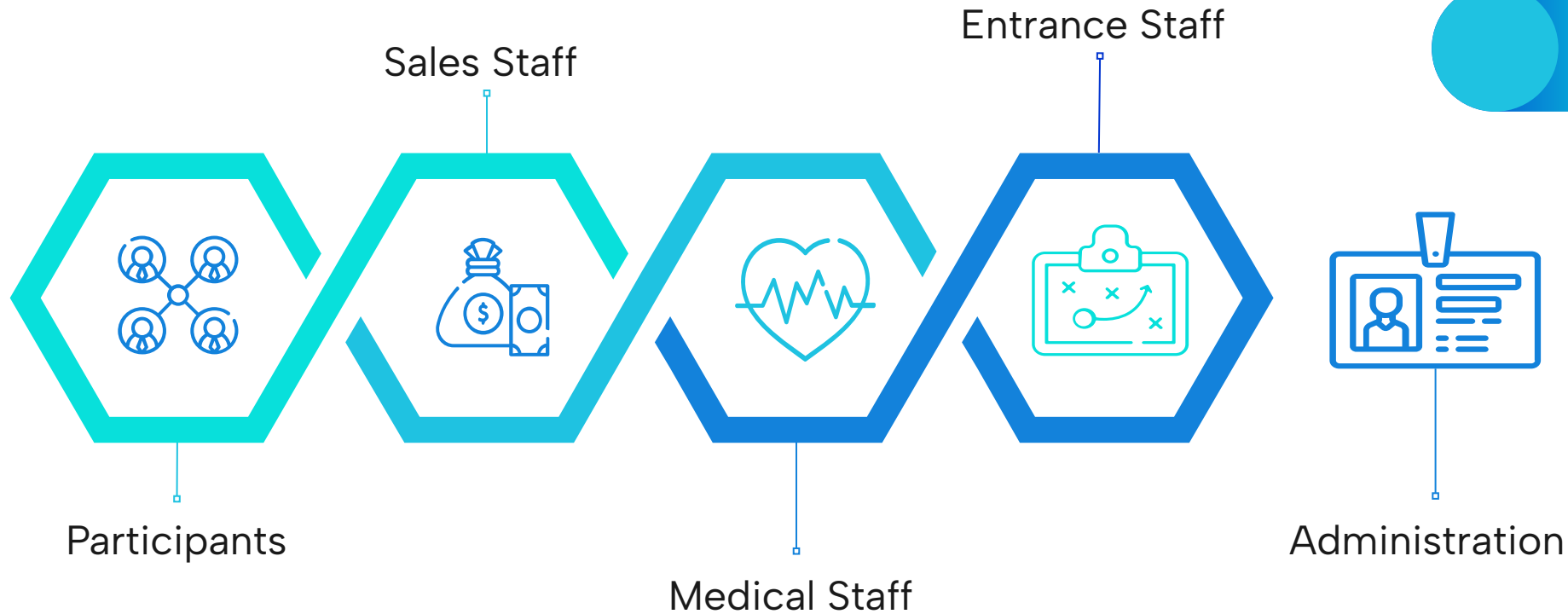
06

Domain Model and Mock-ups

State of The Art

				
Access Management	✓	✓	✓	✓
Balance Management	✓	✗	✗	✓
Payment Methods (QR Code)	✓	✗	✗	✓
Roles Management	✓	✓	✓	✓
Purchase Products via QR Codes	✓	✗	✓	✓
Account Loading for Cashless Transactions	✓	✗	✗	✓
Medical Attention Management	✗	✗	✗	✓

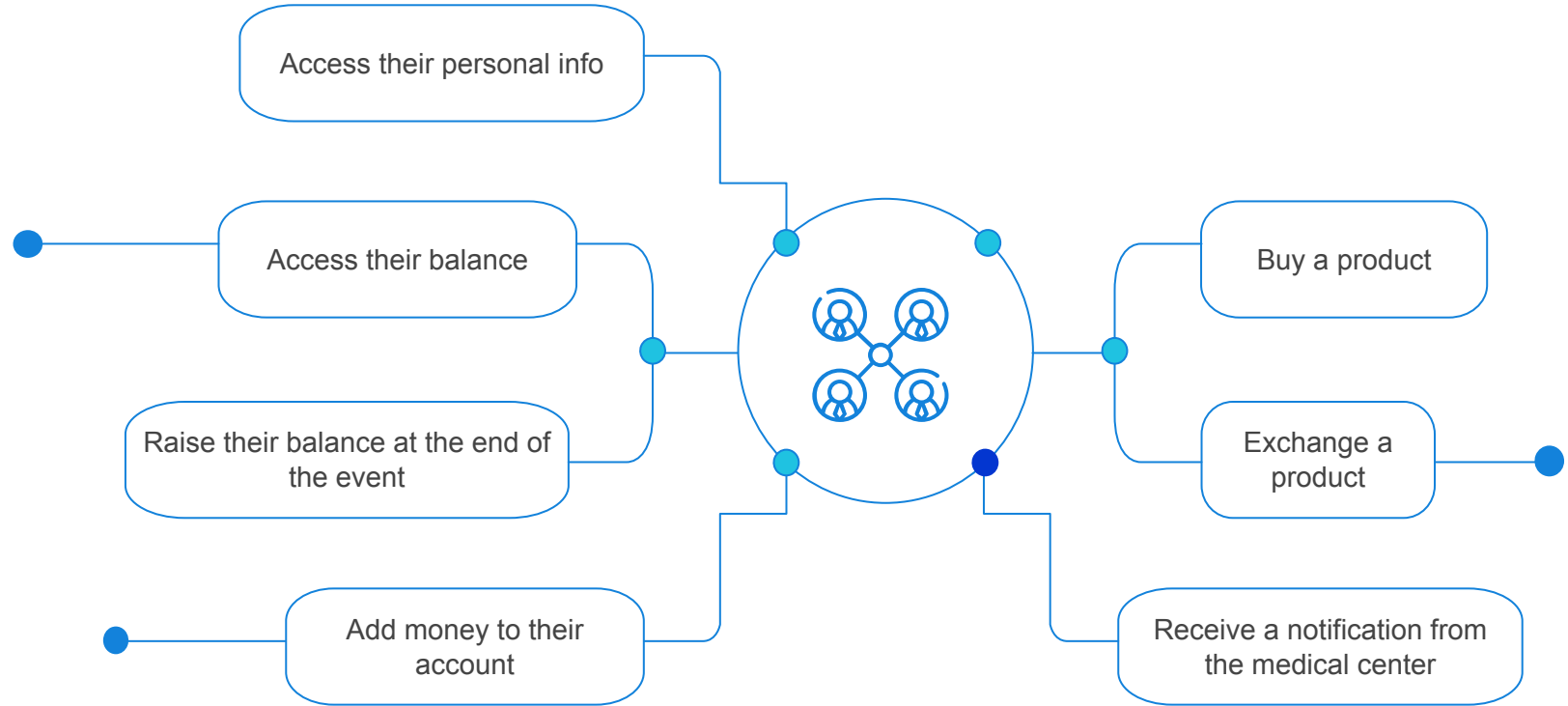
Actors



03

Functional Requirements

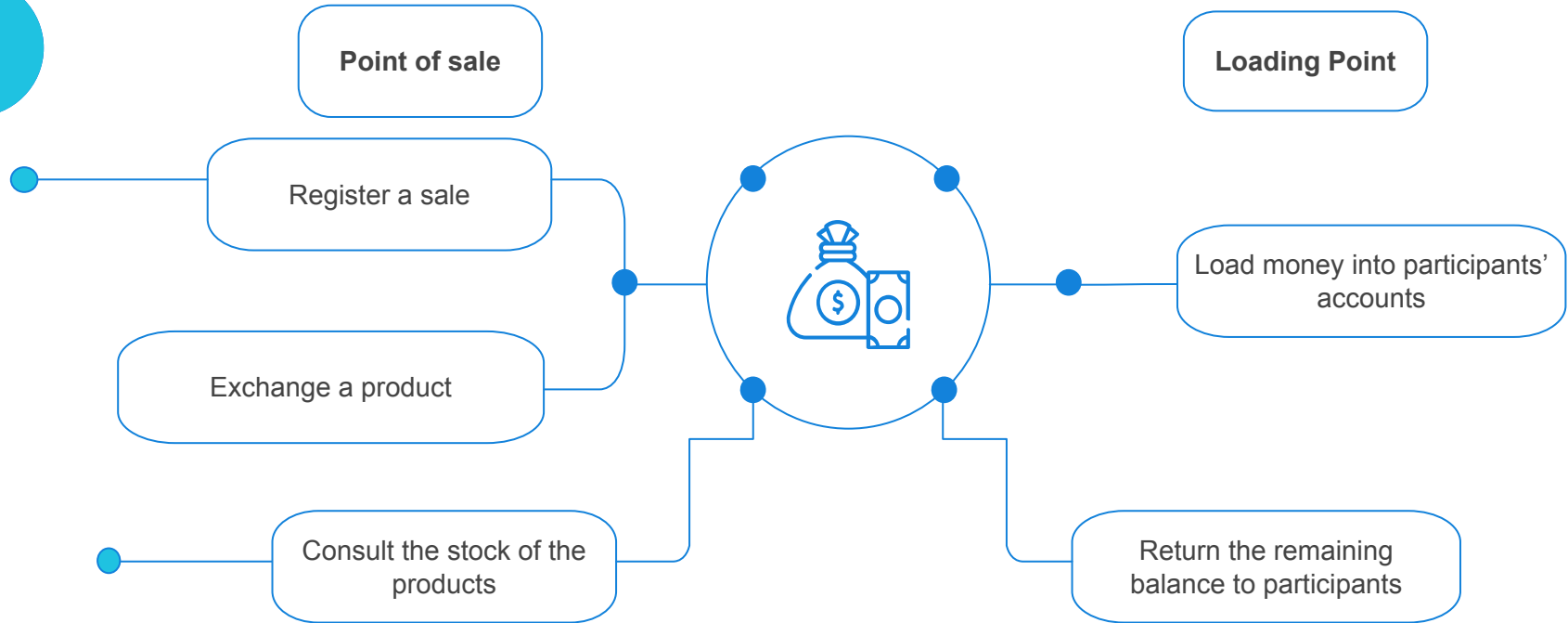
The system must allow the participants to:



03

Functional Requirements

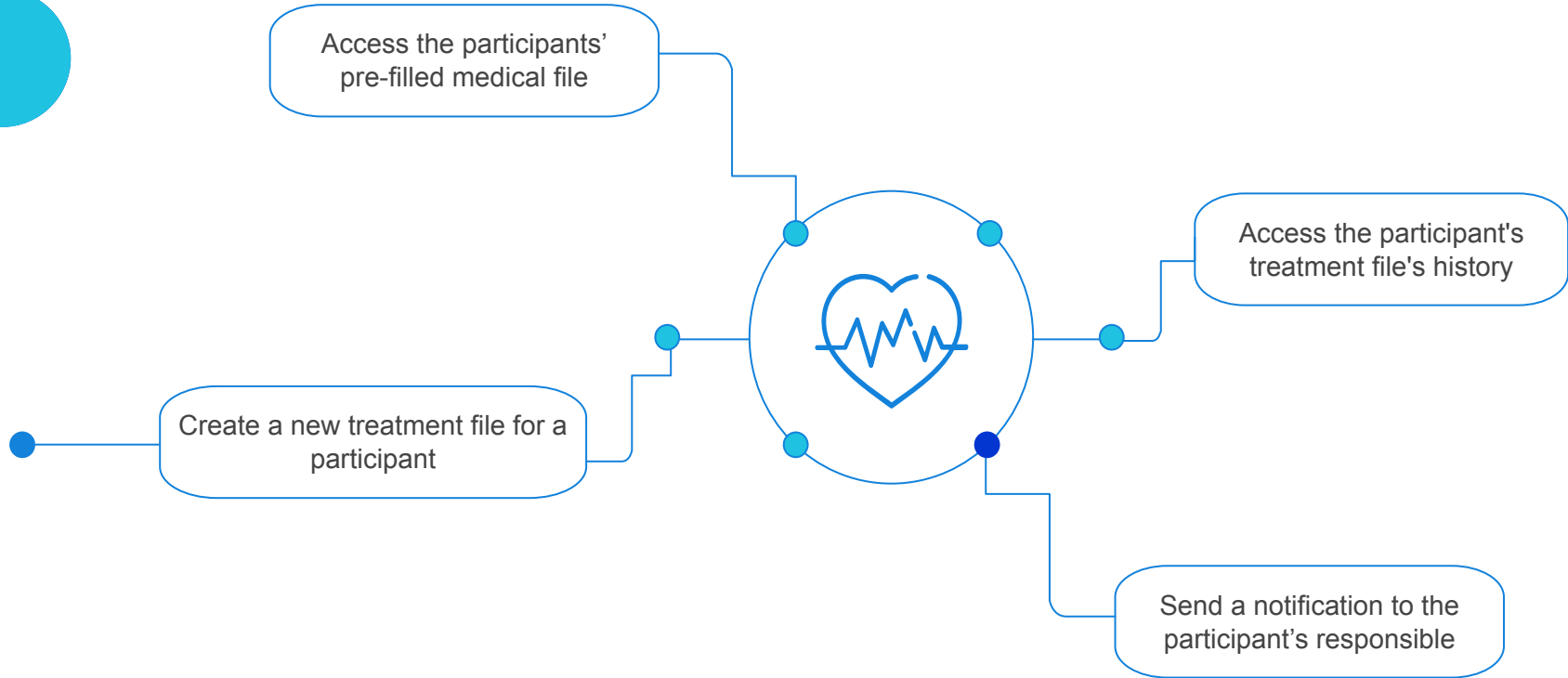
The system must allow the sales staff to:



03

Functional Requirements

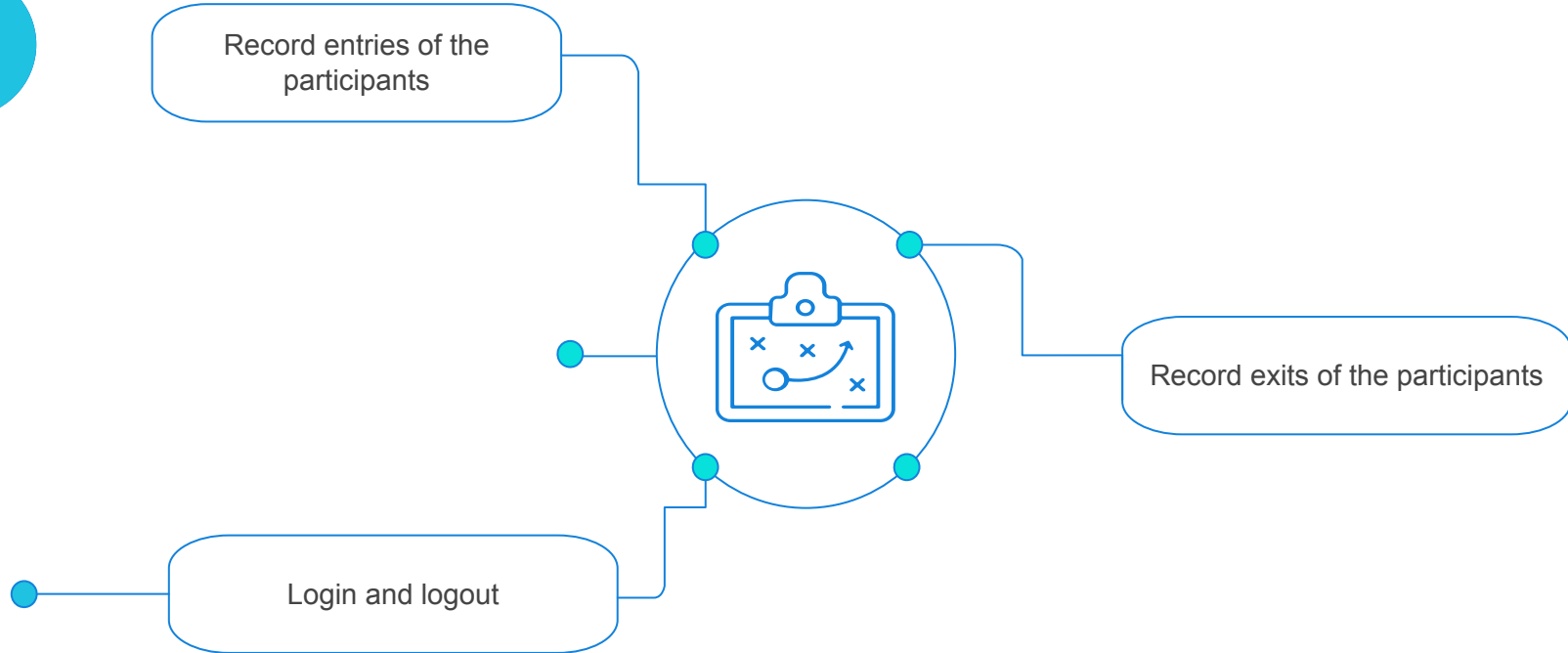
The system must allow the **medical staff** to:



03

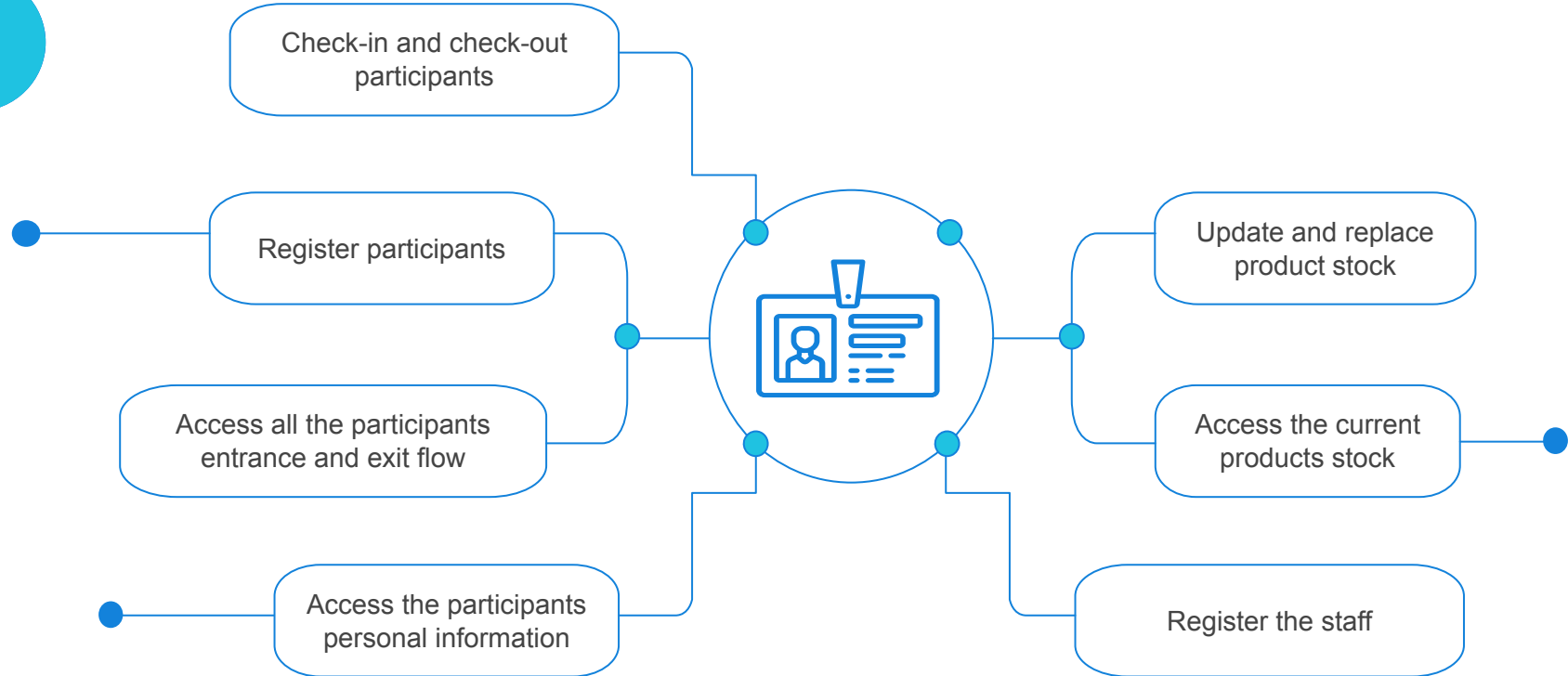
Functional Requirements

The system must allow the [entrance staff](#) to:



Functional Requirements

The system must allow the [administration](#) to:



03

Non-functional Requirements

Functionality

The system should be able to read QR Codes/NFC Codes.

The system should allow the use of more than one browser.

Performance

The system should handle large volumes of audiences (data capacity).

After a money top-up/load, the money must be available in the participants' account in less than 5 seconds (throughput).

The system should warn the responsible chiefs in less than 3 seconds whenever a child on their charge enters in the medical center (response time).

Security

Only medical and administration staff can have access to the medical center area.

Only medical and administration staff can have access to the participants' health information.

Only sales staff can make a sale or exchange.

Availability

All the interfaces (except the kiosk) should be available 24/7, this including during the night.

If the system crashes, the data should not be lost.

User Stories

Participants and Medical Staff

As a



who is **Responsible** for
other participants

I want

to be **notified** when a
participant I'm
responsible for arrives
to the medical center

So that

I can follow what's
going on and **attend**
to the **situation**.



to **access** the
participants
previously filled
medical file

I can make the best
decisions and give
him the **best treatments**.

User Stories

Administration

As a



I want

to **access** the medical center's daily data

So that

I can have **daily reports** about the medical center.

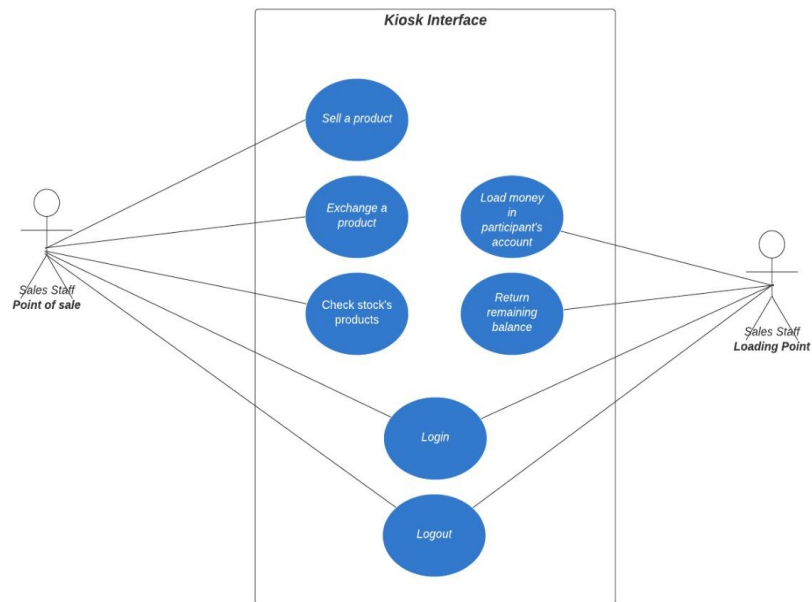
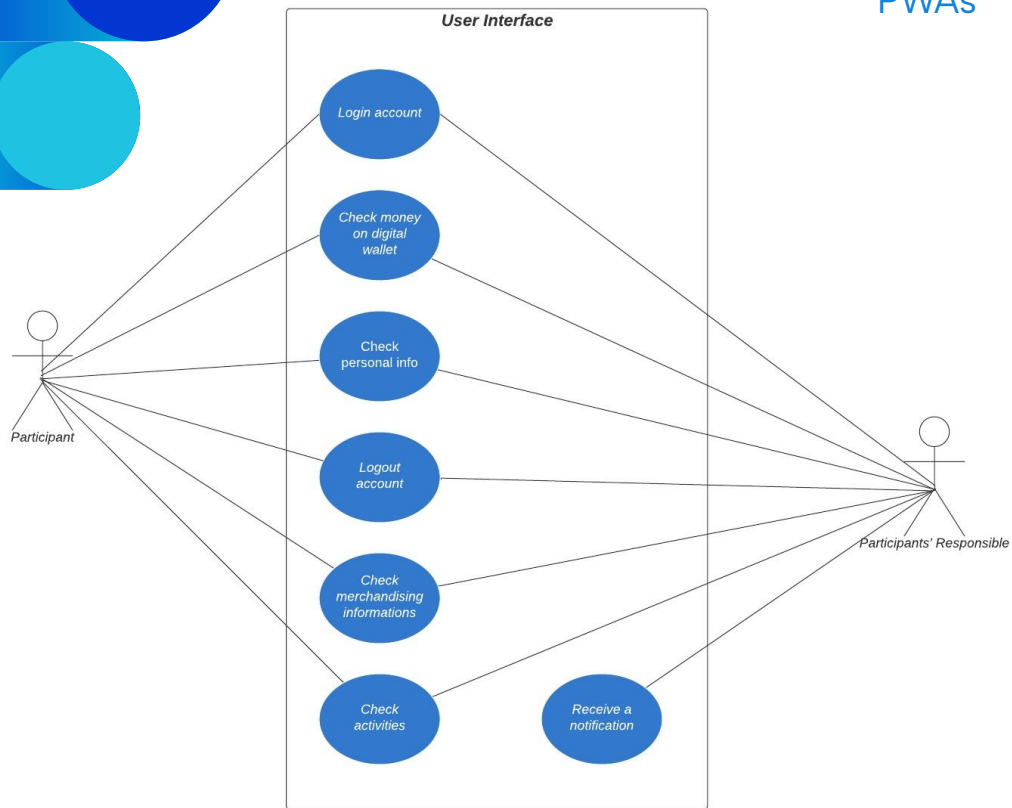


to **access** all the participants **entrance** and exit flow

I can know what's going on and **detect** any **security problem**.

Use Cases

PWAs



Use Cases

PWAs



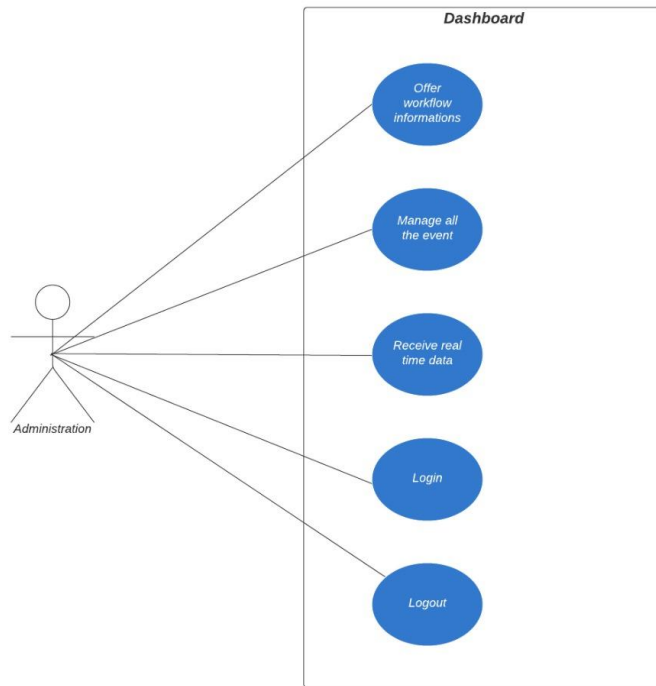
Use Cases

Website

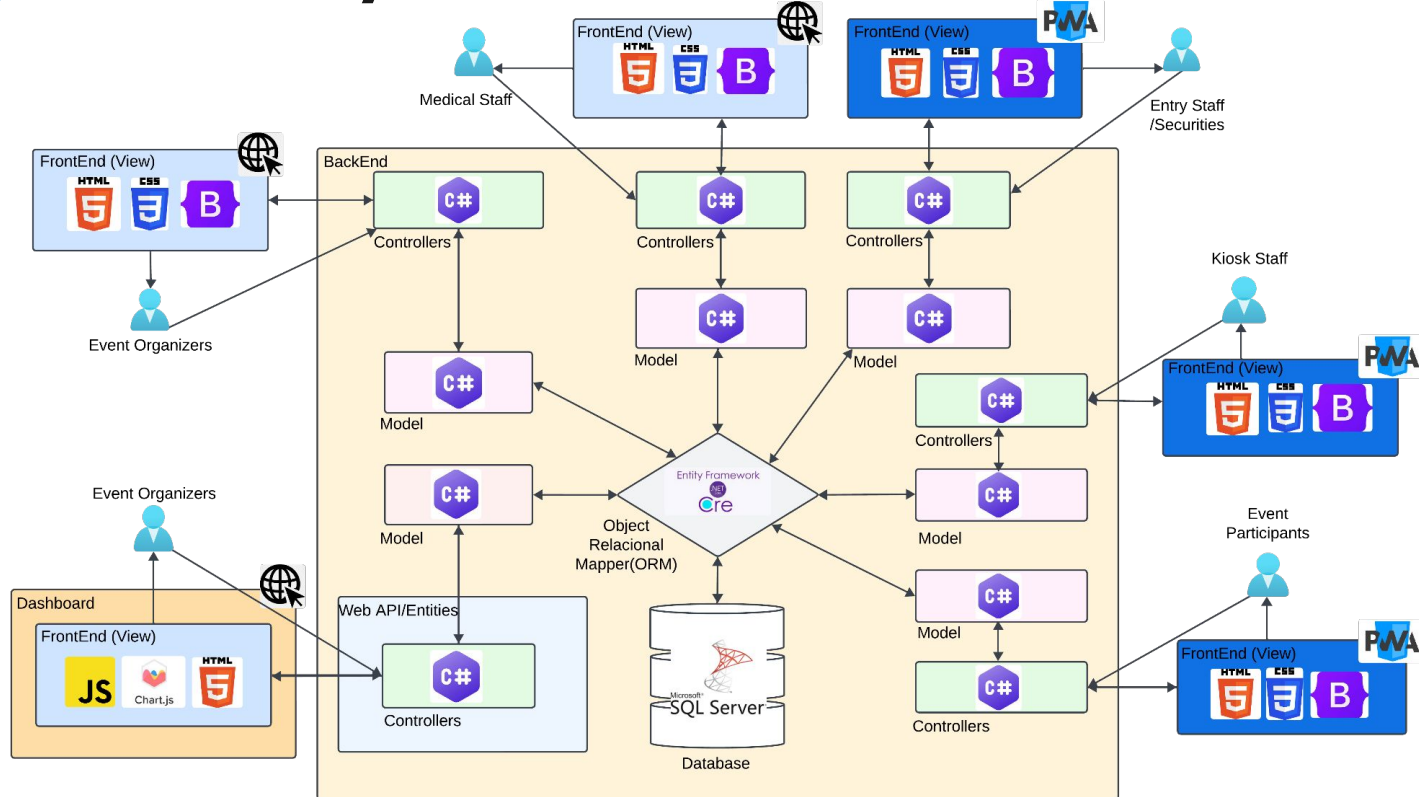


Use Cases

Website



System Architecture



Publicar

Onde a publicação será feita hoje?

Destino



Azure

Host your application to the Microsoft cloud



Registro de Contêiner do Docker

Publicar o aplicativo em qualquer Registro de Contêiner compatível que funcione com imagens do Docker



Pasta

Publicar o aplicativo em uma pasta local ou em um compartilhamento de arquivo



Servidor FTP/FTPS

Publicar o aplicativo em um servidor FTP/FTPS



Servidor Web (IIS)

Publicar o aplicativo no IIS usando Implantação da Web ou Pacote de Implantação da Web



Importar Perfil

Importar as configurações de publicação para implantar o aplicativo

Voltar

Próximo

Concluir

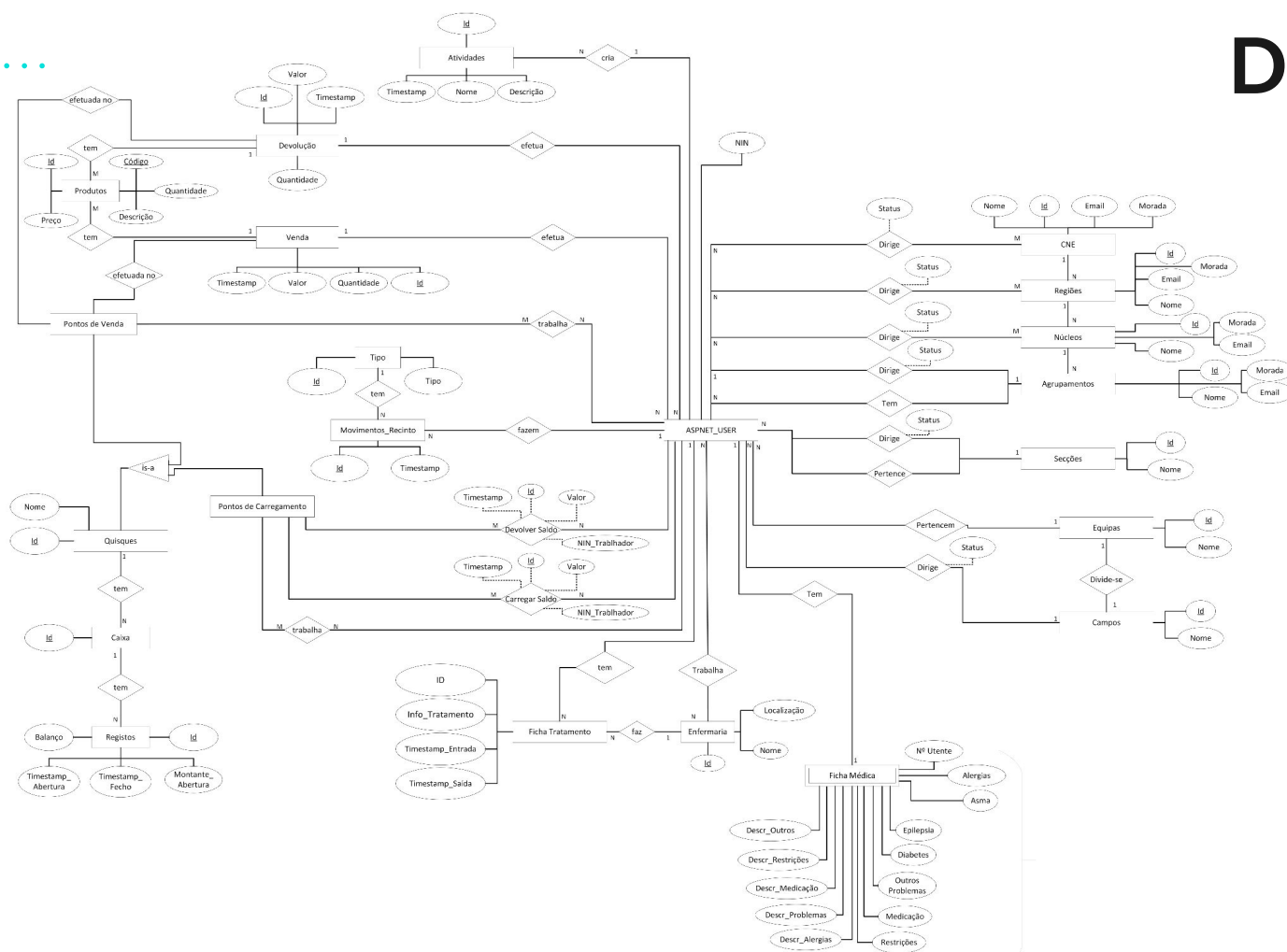
Cancelar

```
{
  "ConnectionStrings": {
    "DefaultConnection": "Server=192.168.160.27;Database=FlexiGather;User Id=FlexiGather;Password=..."
  },
  "Logging": {
    "LogLevel": {
      "Default": "Information",
      "Microsoft.AspNetCore": "Warning"
    }
  },
  "AllowedHosts": "*"
}

AppSettings Release
```

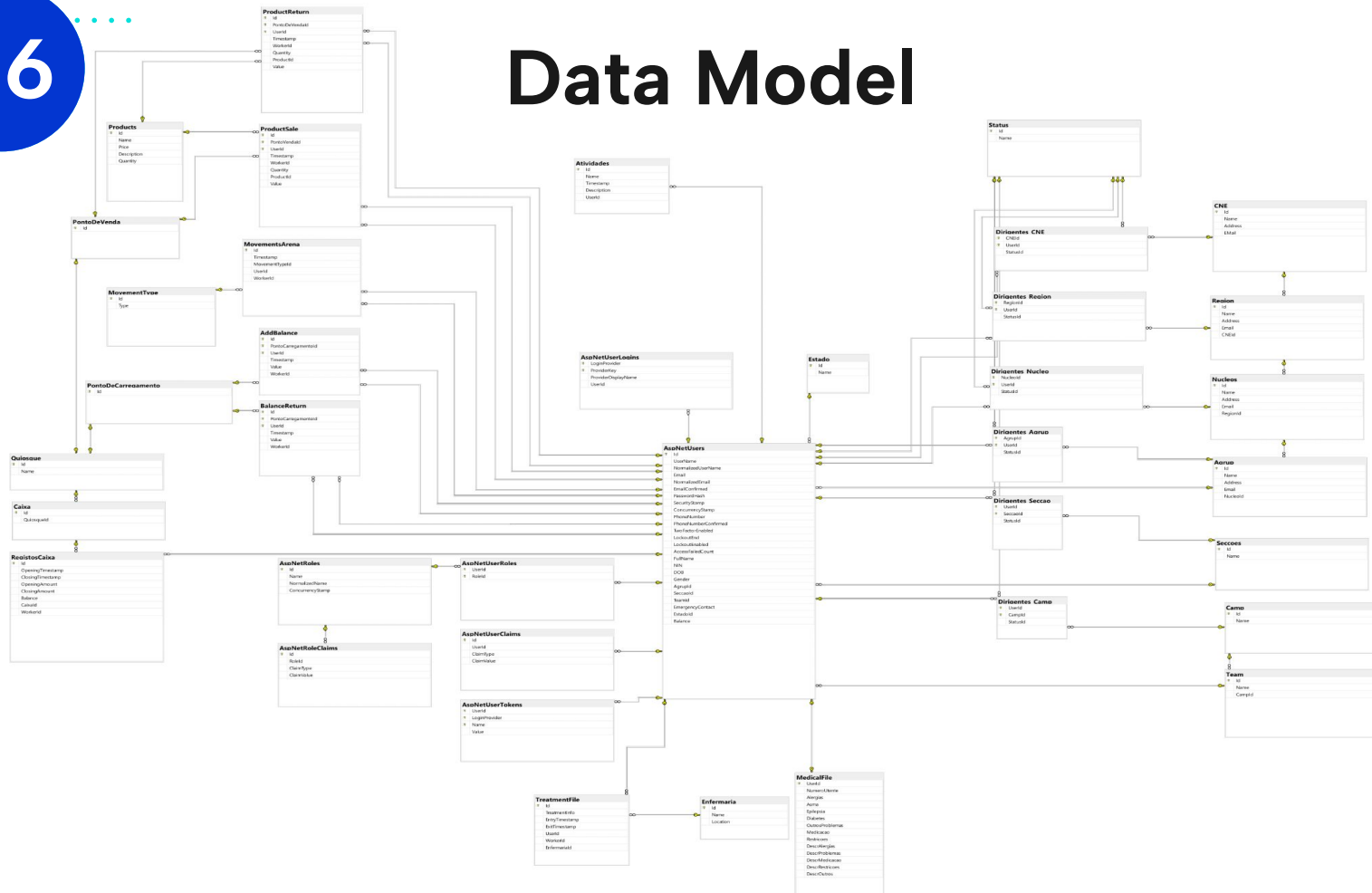
```
{
  "DetailedErrors": true,
  "ConnectionStrings": {
    "DefaultConnection": "Server=localhost;IntegratedSecurity=true;MultipleActiveResultSets=true;Trust..."
  },
  "Logging": {
    "LogLevel": {
      "Default": "Information",
      "Microsoft.AspNetCore": "Warning"
    }
  }
}

AppSettings Development
```



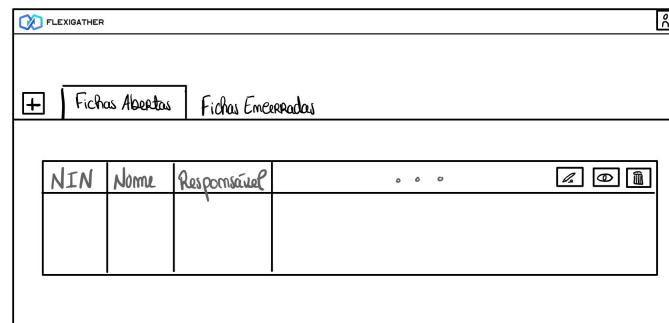
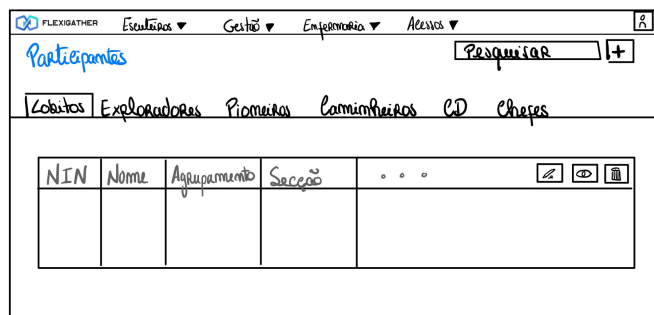
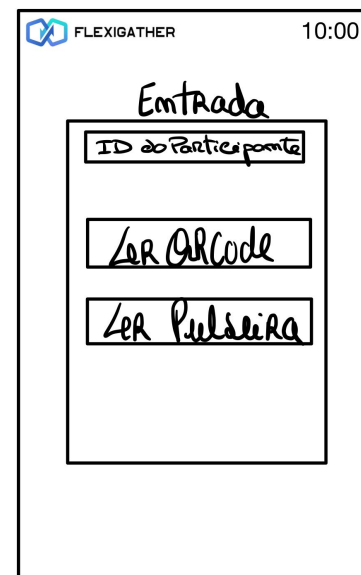
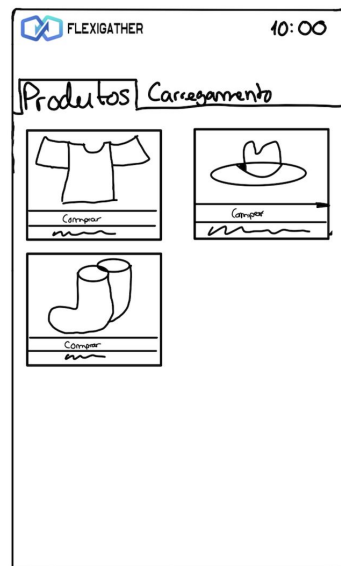
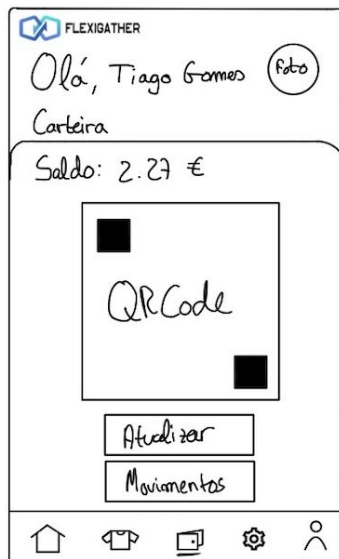
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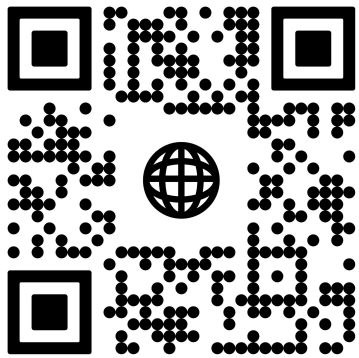
Data Model



06

Mock-ups





Thanks!

https://flexigather.github.io/comunication_website/