User Stories
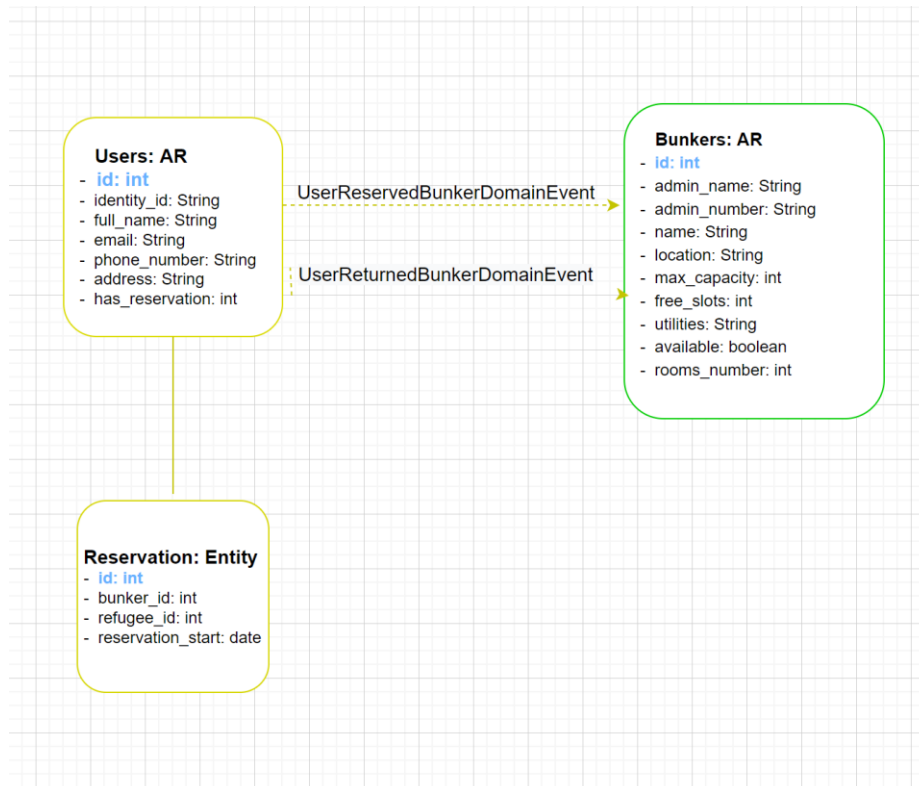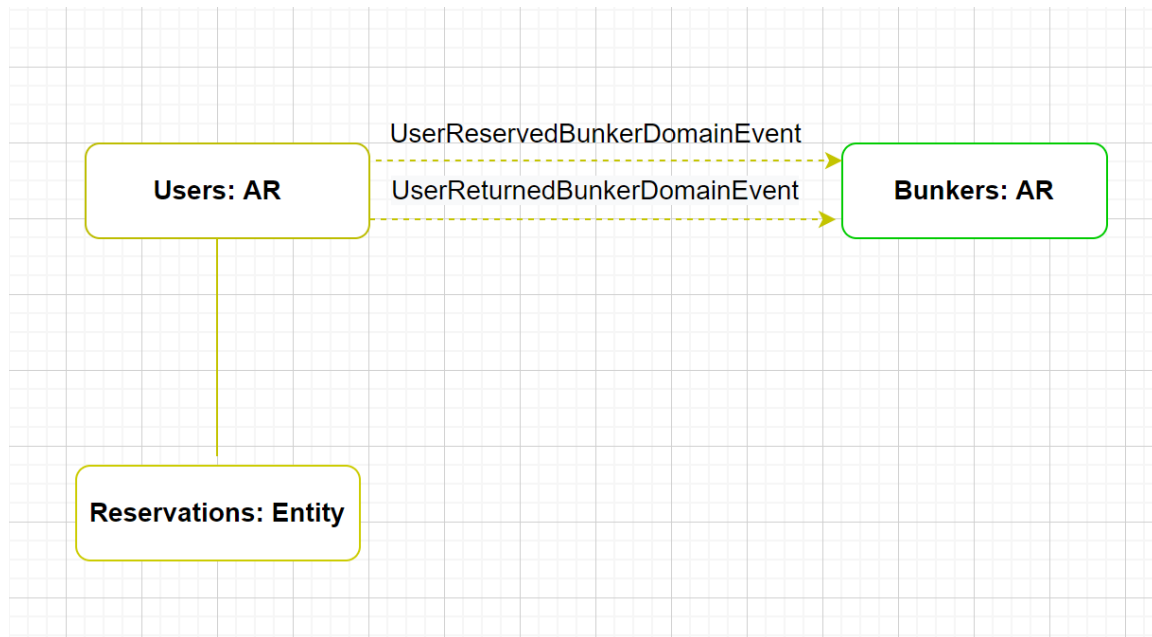
- As an **administrator** I would like to be able to:

    ~Add bunkers, by providing their name, location, maximum capacity, number of frees slot

    -For each **bunker**, I want to assign some **utilities** that offer extra information about the facilities of the bunker

    -If needed, I want to **modify** any **bunker**

    -If needed, I want to **delete** any **bunker**

    ~Check status of a bunker, by seeing its name, its location, the capacity of the bunker, number of rooms from each bunker and other facilities

    ~View my profile

    -Profile should be my name, location, phone number and email

    -If needed, I want to edit my profile

    -If needed, I want to delete my profile

    ~View a map with all the bunkers and the distance in kilometers from my location to each bunker

- As a user(refugee) I would like to be able to:

  - Be able to access the platform

  - Setup a profile, comprised of email, phone number, name and location.

  - View all the bunkers, together with information about the facilities and if is available

  - Reserve a slot in an available bunker

  - Cancel a reservation

  - A slot in bunker can be reserved by exactly one person at a time

  - I can reserve only one slot in a bunker

  - Find the nearest bunker from my location

  - View informations about the nearest bunker from my location

  - View the nearest bunker on the map

Schema de date

Users: AR
- id: int
- identity_id: String
- full_name: String
- email: String
- phone_number: String
- address: String
- has_reservation: int

UserReservedBunkerDomainEvent

UserReturnedBunkerDomainEvent

Bunkers: AR
- id: int
- admin_name: String
- admin_number: String
- name: String
- location: String
- max_capacity: int
- free_slots: int
- utilities: String
- available: boolean
- rooms_number: int

Reservation: Entity
- id: int
- bunker_id: int
- refugee_id: int
- reservation_start: date

Arhitectura de domeniu. Schema de date

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UserReservedBunkerDomainEvent
Users: AR  ----------------------->  Bunkers: AR
UserReturnedBunkerDomainEvent
        ----------------------->

Reservations: Entity
```

Diagrama de sistem

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                frontend              backend

Actor  <--->  Client Web  <-- HTTP -->  Server Web

              React JS Web                 Java Spring

                                            MySQL
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