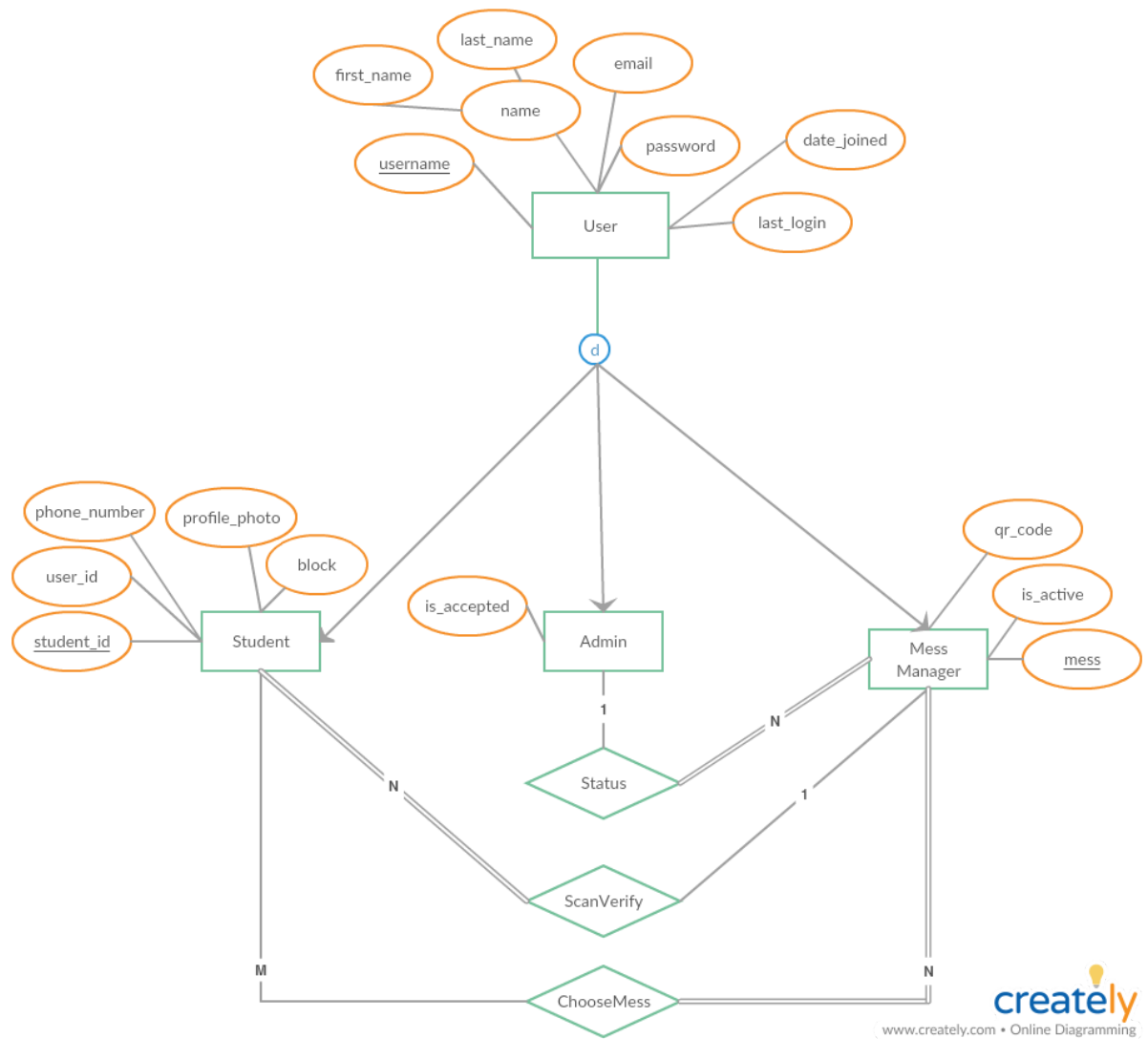# Design Documentation

1. ER Diagram

2. Use-Case Diagram

Mess Management System

- Updating Mess Managers
- <<include>>
- Mess manager management
- <<extend>>
- Adding Student Accounts
- Login
- <<include>>
- View Profile
- <<include>>
- features
  - Scan QR
  - get Mess Refund Details
  - Change Mess
- features
  - get Student Details
  - get Mess Details

Administrator

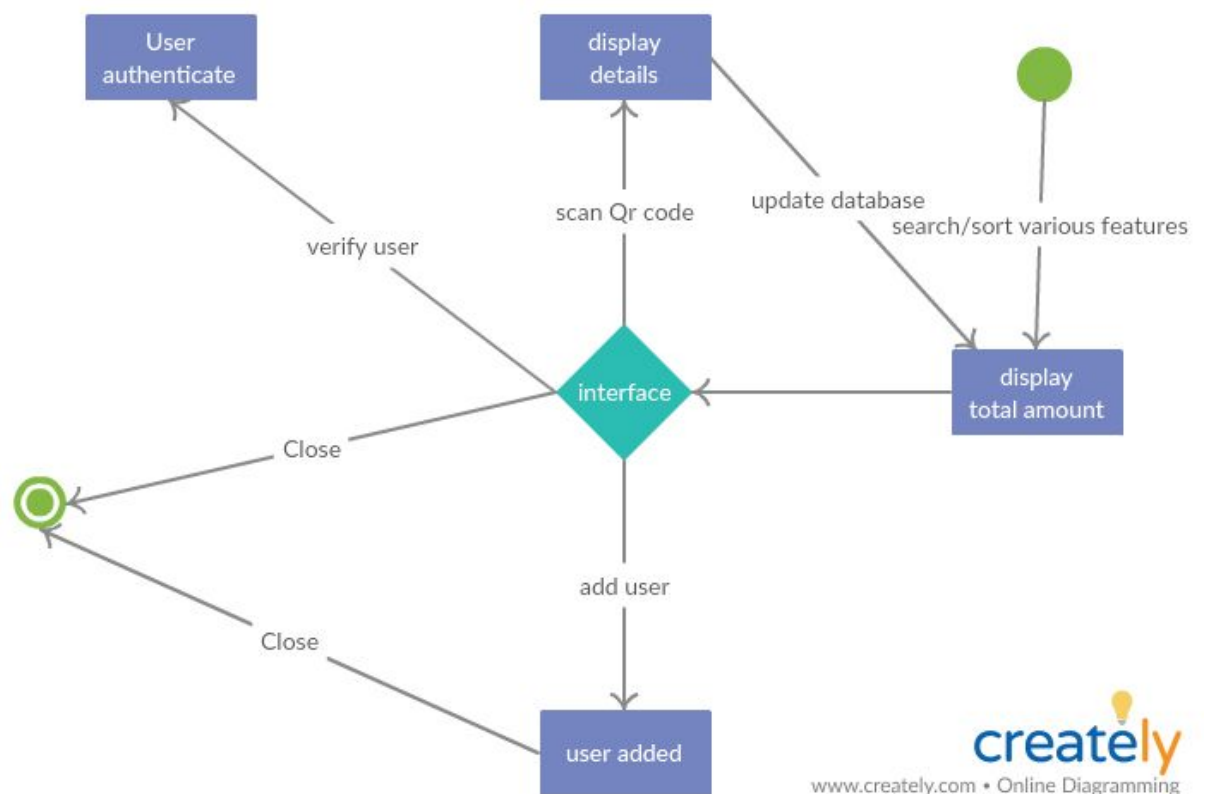User

Mess Manager

Student

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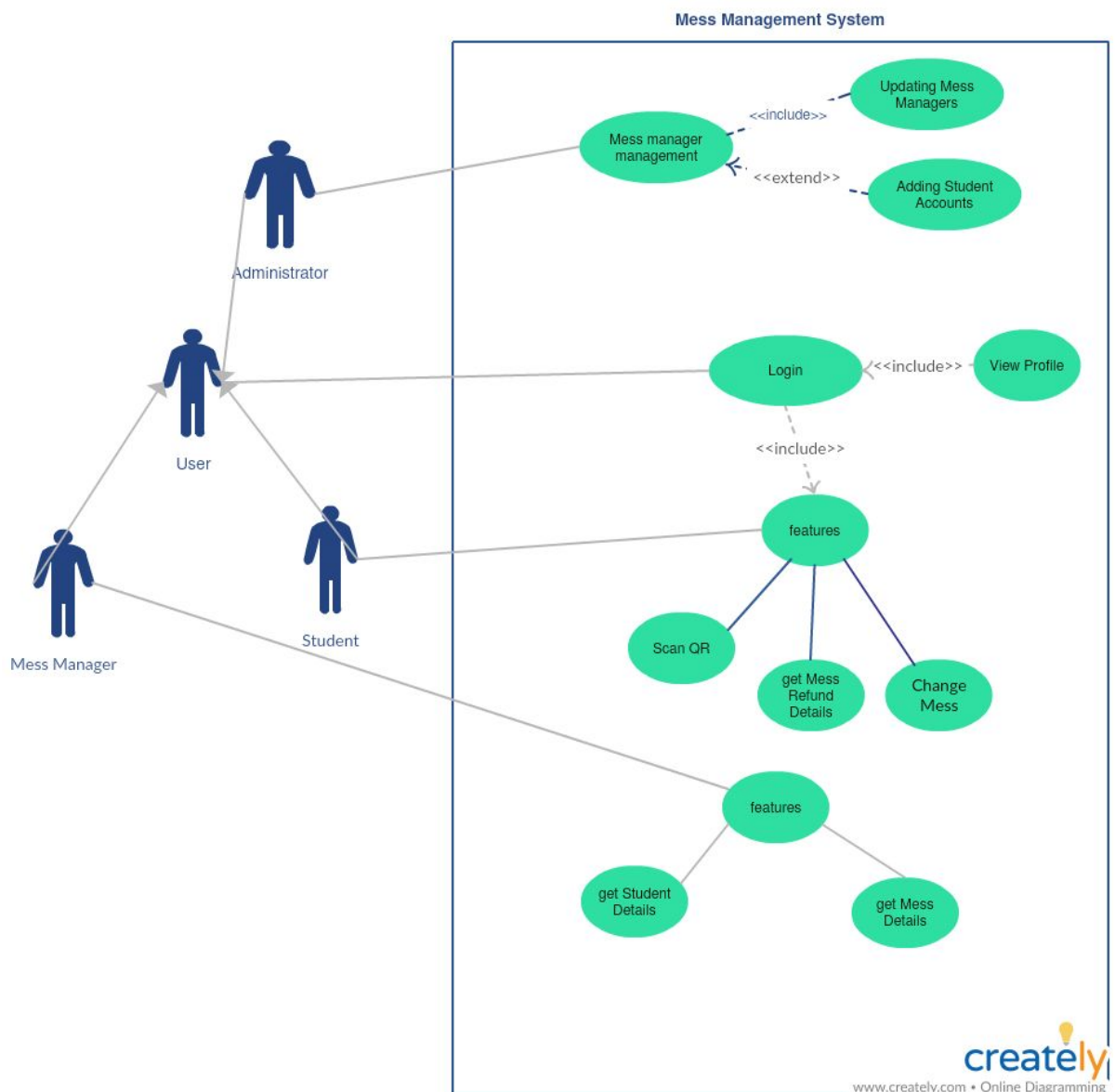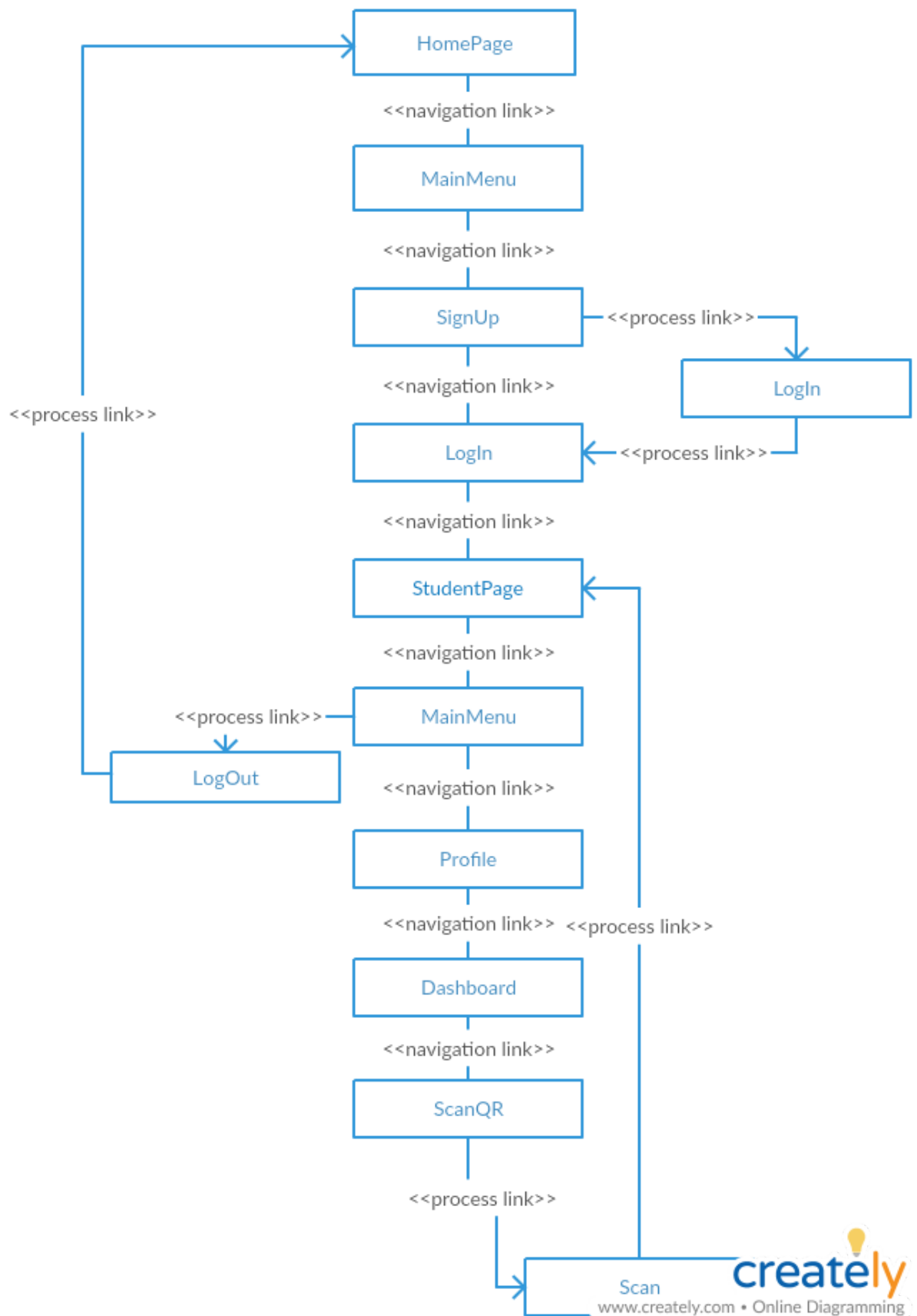
3. Sequence Diagram

4. Navigation Diagram

Schema :

Table :
       User
       Student
       Mess Manager
       Admin

User:
       [**schema as discussed here**](#)

Student :
       student_id (int)
       user_id
       block (int)
       mess (int) in Mess Manager
       phone_number (int)
       profile_photo(photo)
       is_active(boolean)

Mess Manager:
       mess(Int)
       qr_code(Img)
       is_active(boolean)

Admin:
       mess(Int) in Mess Manager
       is_accepted(Boolean)