**Functional design Waifu Logics**

**Project: The I.T. Connection**

**Client: Waifu Logics**

**Projectnumber: 001**

**Auteur: Guylian Gilsing, Peter Janssen, Duncan Sterken**

**Date: 23-4-2018**

**Version: v0.0.1**

The undersigned declare their agreement with the content of this functional design.

**Client Projectmanager**

***Initial Seen: Initial Seen:***

Date: <Geef de datum op.> Date: <Geef de datum op.>

Place: <Geef de plaats op.> Place: <Geef de plaats op.>

Functional design document

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# PROJECT MANAGEMENT

* We have 3 people working on this project:
  + Duncan Sterken: Backend.
  + Peter Janssen: Front End.
  + Guylian Gilsing: Backend + Frontend.
* Each member will do these things:
  + Duncan Sterken:
    - Backend Chat System.
  + Peter Janssen:
    - Front End design.
  + Guylian Gilsing:
    - Front end Realization.
    - Backend for front end related components.
    - Database Design.

Each of the team members need to communicate between each other to realize their part of this application.

# PROJECT DETAILS

* Project Name: The I.T. Connection.
* Name of the client: P. Nocker.
* Name of the project Guylian Gilsing’;

# PROJECT DESCRIPTION

The team of WaifuLogics is going to make a social media platform for people in the I.T. Field. This project consists of a few key features like: the current projects people are working on, and a chat system.

# REQUIREMENTS

Our website needs to do these things:

* Must
  + Friend System
  + Chat System
  + Register System
  + Self-provided user information
  + Forum
  + Coding Languages: HTML – CSS – Javascript – PHP – SQL
  + Easy GUI
  + Framework: Materialize
* Should
  + Easy Contact Information Exchange
  + Fully responsive website
* Could
  + Business Job Offers
  + Business Accounts
  + Electron App (If we have a lot of time left)
* Won’t
  + Existing Social Media Clone
  + Complex GUI

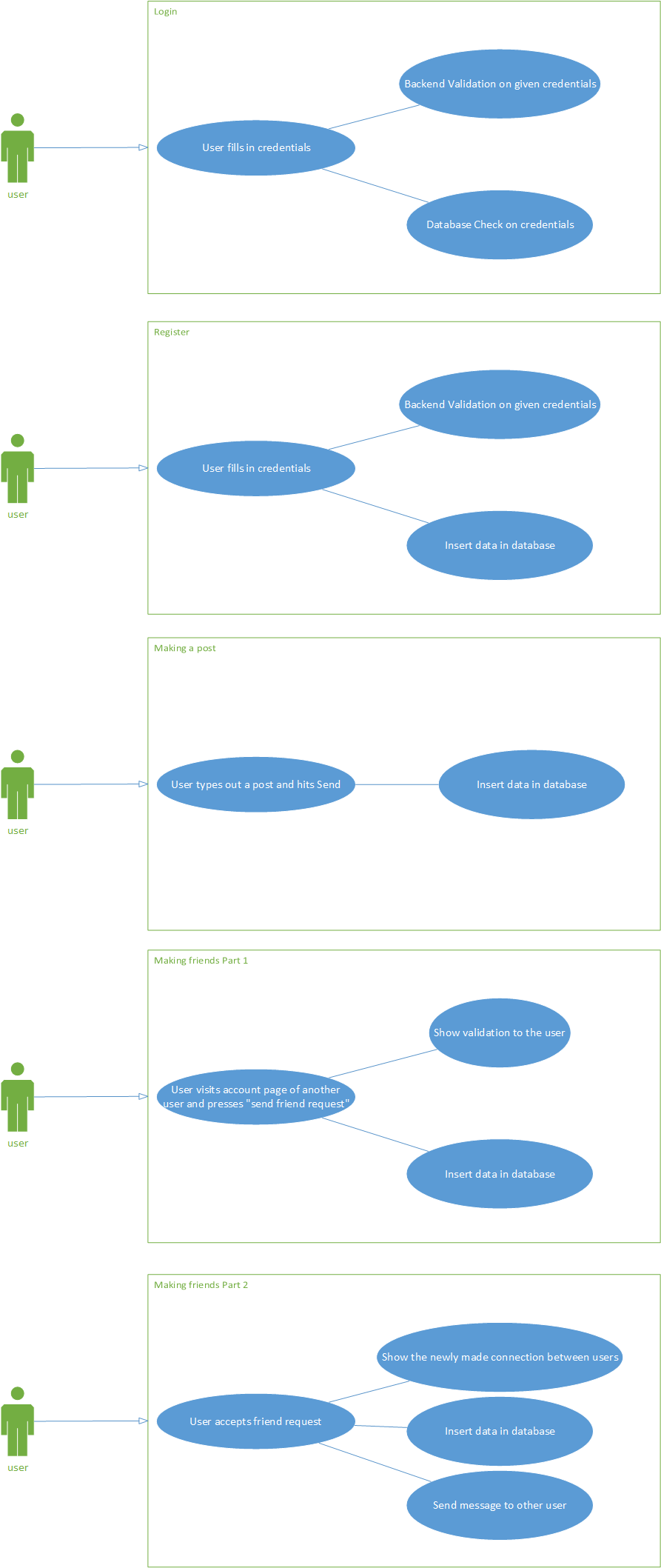
Requirements can be divided in the following categories:

* Must
* Should
* Could
* Won’t

We called this: MoSCoW

Our client (P. Nocker) expects a working social media website that meets all the requirements mentioned above. We (Waifu Logics) are doing our best to realize this project.

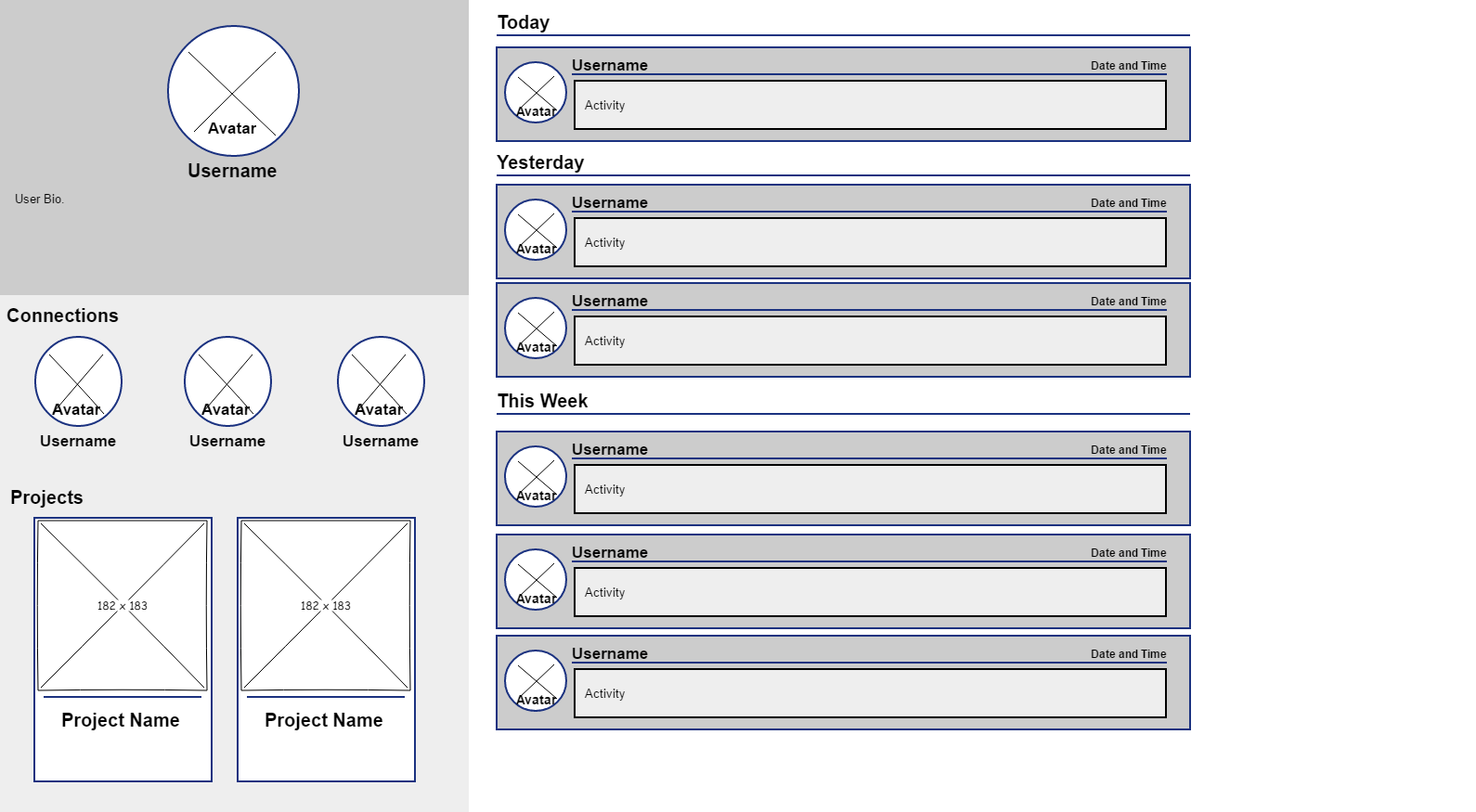
# USE CASE DIAGRAM AND SCENARIOS

Based on the required functionality of the system, we created some use case diagrams:

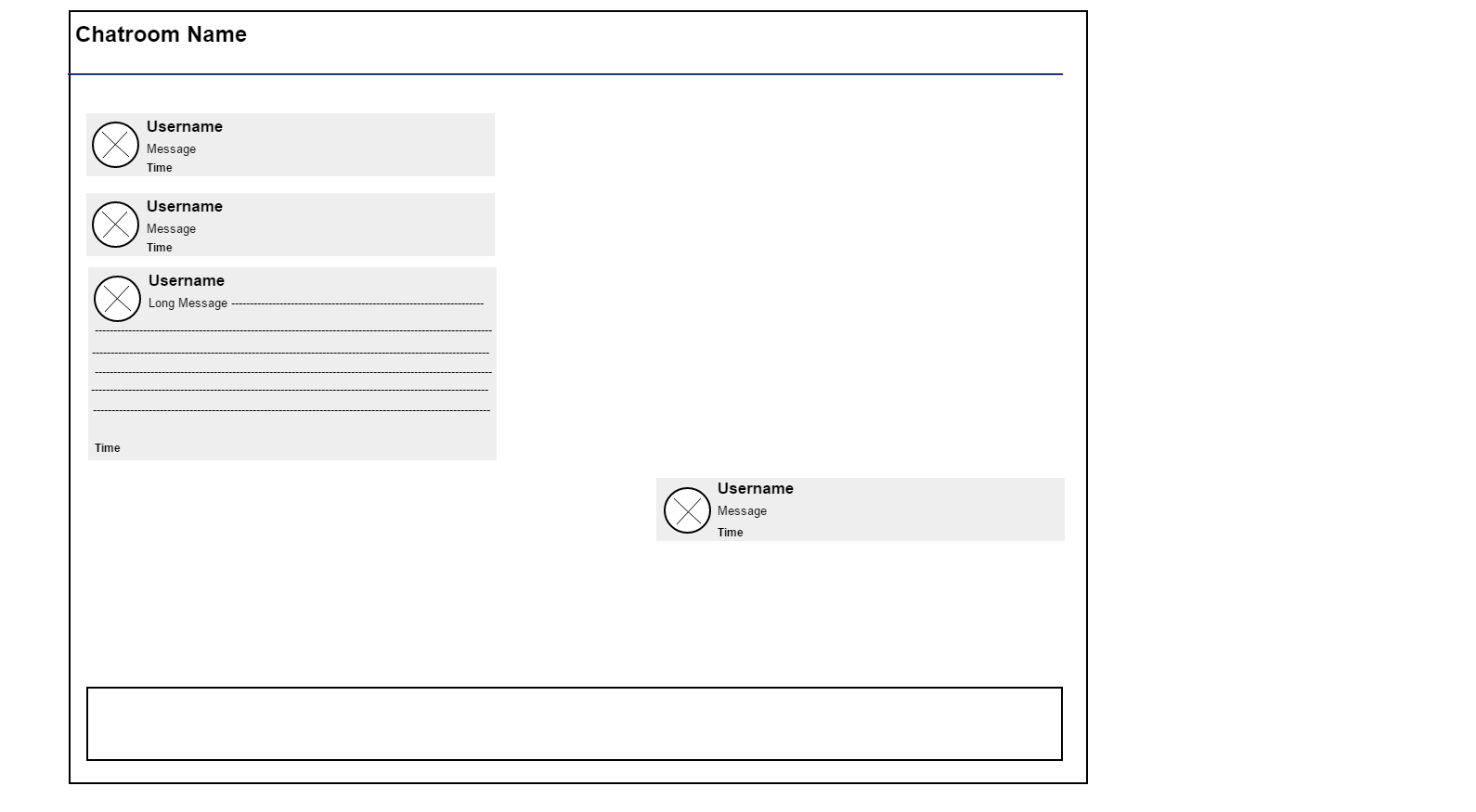
# WIREFRAMES

We also created some wireframes that will give the client some vision in how the website is going to look.

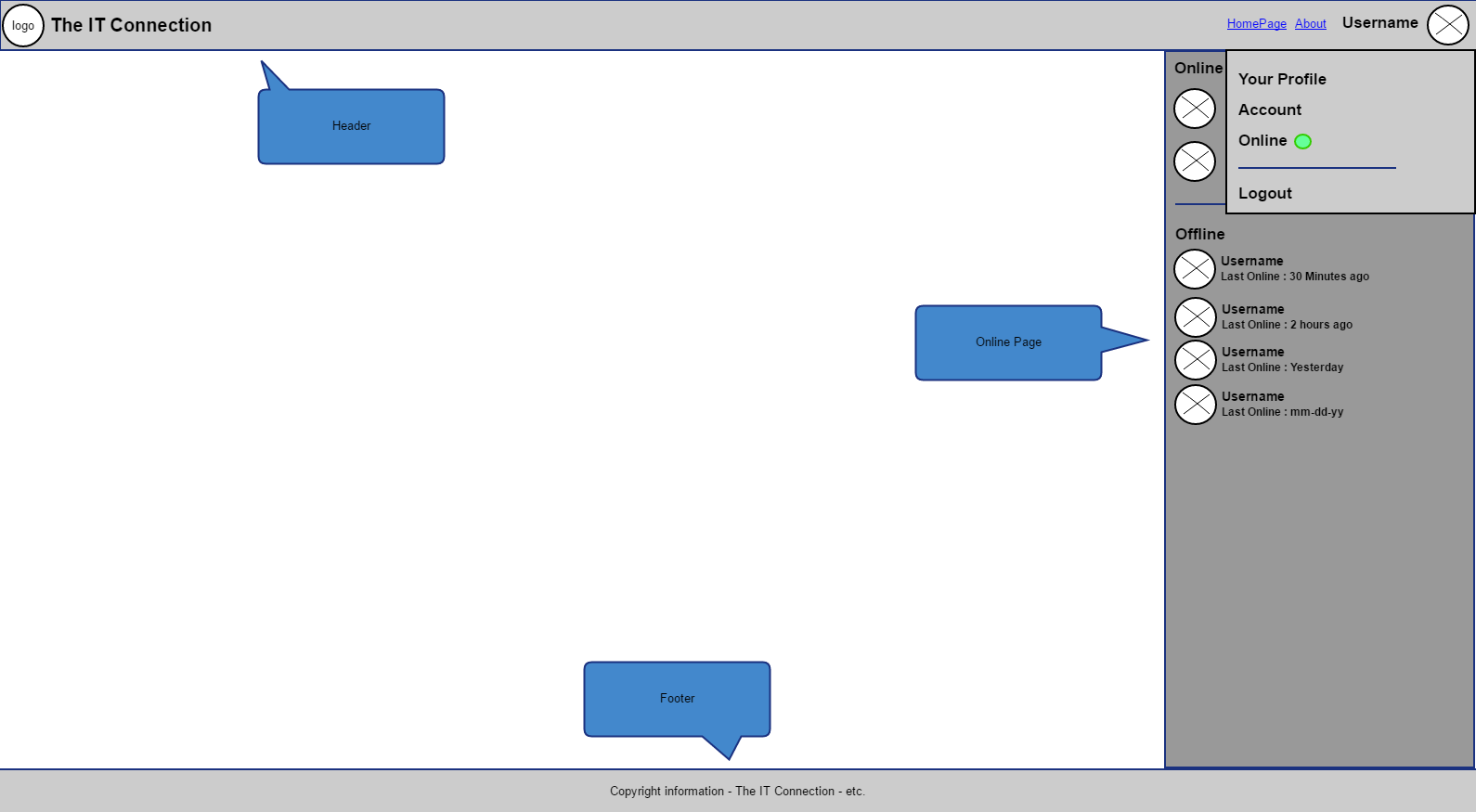
User account page:



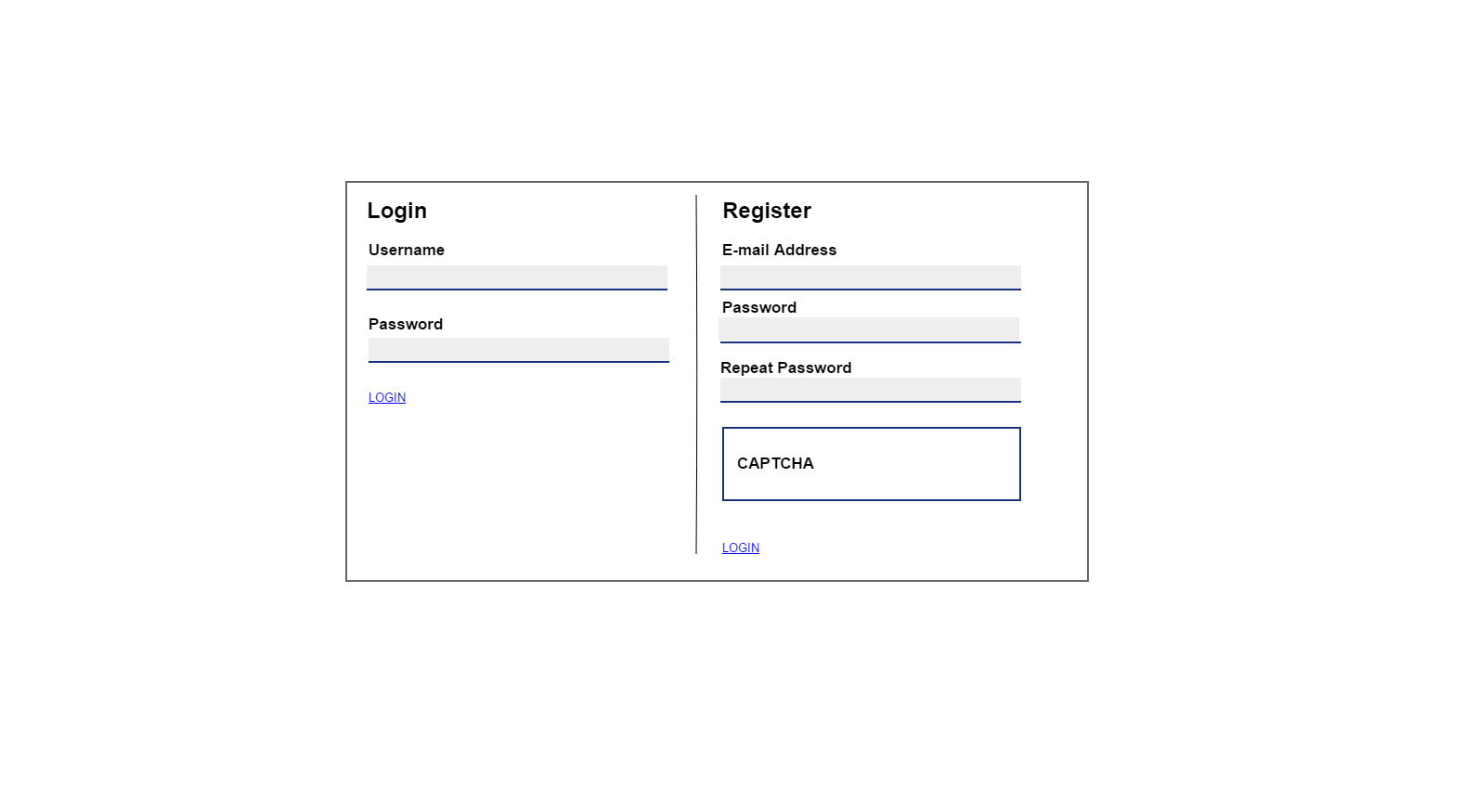
Chat room:



Home page:



Register Page:



You should check if the wire frames cover ALL the use cases ( use a matrix to show that)

# PERSISTENT DATA

We have a lot of data we need to handle, to visualize the database that needs to store this data we created an ERD.

