# Session 1

### Duration: 2.5 hours

Run either script „*Session 1 start MSSQL.sql*“ or „*Session 1 start MYSQL.sql*“ to create a new database **Session1** that contains all data necessary for this session. In this session, you will create a **desktop** application. Make sure to apply all requested styles (color, font and logo).

Task 1.1 describes a login form. Home page for patients is described in 1.2, for clinic owners in 1.3, and for administrators in 1.4.

#### 1.1

After starting the desktop application, show the user a login form that allows entering an e-mail address and password. After entering the data and clicking on the "SIGN IN" button, proceed as follows:

* If it is the first or second login attempt:
  + If the login information is wrong, print the text that login failed, reset the entered information and allow him to try again.
  + If the login information is correct, redirect the user to one of three home pages depending on his role.
* If it is the third login attempt:
  + If the login information is incorrect, disable further entry of e-mail, password and button presses and print the text "Further login disabled, please contact the administrator".
  + If the login information is correct, show the user three images and tell them to mark all the images that contain a cat (show them the images from the assets\proof-of-human folder, in random order). Let the user mark and unmark each of the images as desired. When he is sure that he has marked all the cats, let him click on the "DONE" button:
    - If he has not marked all the cats correctly, show him the text "You failed to prove that you are a human being, please contact the administrator", without any additional controls being displayed.
    - If he has marked all the cats correctly, redirect the user to one of three home pages depending on his role.

#### 1.2

If the registered user is a patient (RoleId=3), show him a page that contains his name and last name in the left part of the header, and only the text "//TODO" in the main part:

Aneta Messner

**//TODO**

#### 1.3

If the registered user is the owner of the clinic (RoleId=2), show him a page that contains his name and last name in the left part of the header, his image from the AvatarImage column in the User table in the right part, and one rectangle for each clinic that he owns in the main part (for each clinic, print only its short name):



Robert Gvardiol

Robert Gvardiol

Arena

Venus

#### 1.4

If the registered user is an administrator (RoleId=1), show him a page that contains his name and last name in the left part of the header, his image from the AvatarImage column in the User table in the right part, and information about the number of users for each of the three roles in the main part .

Also, prepare a button that can be used to import all patients from the **patients.csv** file to the database. When entering the users, set the CreatedDate and UpdatedDate columns to the current date and time, and AvatarImage to a non-existent value. After each import, refresh the numbers.



Mirna Vasilevski

Total administrators: 1

Total clinic owners: 1

Total patients: 0

Import patients