Project Domain

Scope

1. Patients / Doctors / Auth

    Auth

    a) Add Spring Security to the project
    b) Define roles Doctor, Patient
    c) Add ability register on the site
    d) Add captcha check
    e) Confirm email
    f) When new appointment was created — send email to the user

    Doctor profile

    a) Add new patient
    b) See list of patients
    c) See doctor's profile (biography, skills, contact information)
    d) See appointments — with ability filtering by date
    e) Add new appointment

    Patient profile

    a) Find a doctor, procedure, treatment
    b) See list of doctors
    c) See patient profile
    d) See all visits to the doctors
    e) See all appointments like Google calendar
    f) Generate report ???
    g) See expense list

User Stories

Doctor Profile:
- As a doctor, I want to be able to add a new patient to my profile, so that I can keep track of their health records.
- As a doctor, I want to be able to view a list of my patients, including their basic information and appointment history, so that I can have an overview of my patient population.
- As a doctor, I want to be able to view my own profile, including my biography, skills, and contact information, so that patients and colleagues can learn more about me.
- As a doctor, I want to be able to view my upcoming appointments, with the ability to filter them by date, so that I can efficiently manage my schedule.
- As a doctor, I want to be able to create a new appointment with a patient, specifying the date, time, and reason for the appointment, so that I can provide medical services.

Patient Profile:
- As a patient, I want to be able to search for doctors based on their specialization, procedure, or treatment, so that I can find the most suitable healthcare providers.
- As a patient, I want to be able to view a list of doctors, including their profiles, qualifications, and contact information, so that I can make an informed decision when choosing a doctor.
- As a patient, I want to be able to view my own profile, including my personal information and medical history, so that I can keep track of my health records.
- As a patient, I want to be able to view a list of my past visits to doctors, including the date, reason, and outcome of each visit, so that I can have a complete medical history.
- As a patient, I want to be able to view my upcoming appointments in a calendar-like format, so that I can easily manage my schedule.
- As a patient, I want to be able to generate a report of my medical history, including diagnoses, treatments, and prescriptions, so that I can share it with other healthcare providers if needed.
- As a patient, I want to be able to view a list of my medical expenses, including the date, description, and cost, so that I can keep track of my healthcare expenses.

Auth:

- As a user, I want the registration process to include a captcha check, to prevent automated registrations and ensure the security of the system.
- As a user, I want to receive a confirmation email after registration, containing a link to verify my email address.
- As a user, I want to be able to register on the site using my email and password, so that I can access the application's features.
- As a user, I want to be able to log in to the application using my credentials, so that I can access my personalized features.
- As a user, I want to receive an email about new appointments, so that I can confirm the appointment.