Help Us Enhance Our New Health App Experience!
Welcome! We would like to invite you to join our developer team and our mission to elevate our existing health app into a comprehensive and user-centric platform.
Instead of booking an appointment via phone, our platform allows to request appointments at patients' dates of choice for various doctors, even highly specialized ones.

Our Achievement So Far:
We have successfully implemented a health app that has captured the attention of a substantial user base (patients & doctors).
Patients are able to search for doctors' names with specific specialization, request appointments, manage their health records and their profile, and have an overview of their today's and upcoming appointments on their dashboard.
Doctors also have an overview of their daily and upcoming appointments on their dashboard, which includes a calendar, and a page to manage their patients' health records.

The Road Ahead:
Now, we aspire to take our health app to new heights. We are committed to expanding its capabilities, improving features, and ensuring it remains a valuable resource for all users.

Existing Key Functionalities:
Functionalities for non-registered or users not logged in:
- Register as a patient
  - http://localhost:4200/registrate/user
- Login as a patient
  - http://localhost:4200/ or http://localhost:4200/login/user
- Forgot Password as a patient
  - http://localhost:4200/ or http://localhost:4200/login/user
  - Enter valid patient/user e-mail
  - After clicking "Forgot Password", an e-mail will be sent to the entered e-mail address
  - Outgoing e-mails can be inspected here http://localhost:1080/
- Register as a doctor
  - http://localhost:4200/registrate/doctor
- Login as a doctor
  - http://localhost:4200/login/doctor
- Forgot Password as a doctor
  - http://localhost:4200/login/doctor
  - Enter valid doctor e-mail
  - After clicking "Forgot Password", an e-mail will be sent to the entered e-mail address
  - Outgoing e-mails can be inspected here http://localhost:1080/

Functionalities for users with "Admin" permissions:
- Login
  - Email for admin user: admin@admin.com
  - Password for admin user: admin123

- ○ Login under http://localhost:4200/ or http://localhost:4200/login/user
- The page *Dashboard* is shown to the admin after logging in. It contains:
    - ○ Overview of all signed-up users (patients and doctors)
    - ○ Option to create and manage backups
        - ■ Backups are stored in the backend of the application under /backups

Functionalities for users with "Patient" permissions:
- Login
    - ○ Email for demo patient user: angela.singleton@example.com
    - ○ Password for demo patient user: patient123
    - ○ Login under http://localhost:4200/ or http://localhost:4200/login/user
- The page *Dashboard* is shown to users with patient permission after logging in. It contains:
    - ○ Doctors' requests for granting permission to see the patient's health records
    - ○ Option to permit or deny doctor's request to see the health records
    - ○ Overview of upcoming, requested, and declined appointments
    - ○ Option to cancel appointments
- The page *Search for Doctors* allows users/patients to search for all signed-up doctors by typing the doctor's name or specialization. Results corresponding to the search string are displayed as individual cards and provide the following information:
    - ○ Doctor's name
    - ○ Doctor's specialization
    - ○ Doctor's email
    - ○ Doctor's office address
- The page *Appointments* enables users/patients to request an appointment by:
    - ○ Selecting the preferred date and time
    - ○ Selecting doctor
    - ○ Giving information on the reason for the appointment
- The page *Health Records* displays the health records of the currently logged user/patient and allows to update information such as allergies or contact person.
- The page *Profile* displays information about the currently logged user/patient and enables editing settings such as address or type of insurance.

Functionalities for users with "Doctor" permissions:
- Login
    - ○ Email for demo doctor user: joshua.garcia@example.com
    - ○ Password for demo doctor user: doctor123
    - ○ Login under http://localhost:4200/login/doctor
- The page *Dashboard* is shown to users with doctor permission after logging in. It contains:
    - ○ Option to send an e-mail to all the doctor's patients
    - ○ Calendar with overview of all accepted appointments
    - ○ Option to create an appointment by using the calendar
    - ○ Overview of upcoming and requested appointments
    - ○ Option to accept, decline, or cancel appointments
- The page *Patient Records* allows doctors to request health records from patients to prepare for upcoming appointments
    - ○ This is limited to patients with whom the doctor had past appointments.

- The page *Profile* displays information about the currently logged doctor and enables editing settings such as work address or type of specialization.

You can find a list of software used in the application in "SoftwareUsedInApplication.pdf" and the paths to the implementation of certain functions in "PathToFunctions.pdf"