MyHealthCare Application

**General Idea:**

The purpose of our application to create an user friednly medical reservation app, where clients can make appointments in a fast and efficient way. The client is able to choose between medical centers, medical departmants and even between doctors (based on a timetable)

**App description:**

Opening the application, we will seethe all available medical centers (hospitals)

based on our current geocoordination (longitude & latitude). Here, the user is

able to select the most suitable medical center for his preferences, after he will be redirected on next page, where he can select the specific medical department. After selecting the department he is going to the appointment page. After setting up the prefered appointment time, he has the opportunity to assign a doctor to his appointemnt, or he can handle this option to the application. After setting everything app, the appointment will be saved, and will be introduced into his personal timetable. Before 48h the appointemt, the app will sent a reminder. After the appointment he will get the medical check result also(result, bills etc), which he can export it as a PDF (exporting is optional)

**Possible API endpoints:**

* registration() & forgotPassword()
* login() & logout() [silent login --> token based]
* getMedicalCenters()
* getMedicalDepartments(medical\_center\_id)
* getDoctors(medical\_department\_id)
* getClientAppointments()
* addAppointment(client\_id)
* getMedicalCheckResults()
* addMedicalCheckResult() -> doctor side, handled (simulated) in API

**Possible Android pages:**

* Login page(login & register &forgot password)
* medical centers (recyclerview with filter & search)
* appointment (selected medical center, departments [spinner or dialog with filter])
* appointment(selected department with doctors [spinner or dialog with filter]) )
* myAppointmenst
* myResults
* profile (edit user setting)

**Possible Android architecure**

* bottomNavi (make appointment, my appointment, result)
* navigation drawer (user profile, app setting (ex: dark mode))
* splashActivity + mainActivity with Fragments

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