

Final assignment - ISS

Subjects covered in the document:

- Project setup
- What we will move over from the old project into the new one
- Extra stuff

I. Project setup

The project has moved to a *new* repository, you can find it in the organization, or at <https://github.com/UBB-GR9X1/HMS>. The folder structure is the following:

```
HMS
├── HMS.Backend           // the web api (the endpoints + the migrations)
├── HMS.DesktopClient     // the winui app (the classic desktop app)
├── HMS.Shared            // the shared class library (contains entities and DTOs so far)
├── HMS.WebClient         // the web client just like in the last assignment
├── HMS.sln              // solution file
└── README.md           // project documentation (soon...)
```

So far, we have only managed to set up the desktop client with a login system. The new login features a JWT authentication system which makes all endpoints **UNREACHABLE** without logging in first. You will only be able to access the user post endpoint and the login endpoint which is also in users, those 2 you will use to get that token (create a user either in swagger or ssms, then login on swagger or desktop app. On swagger at users there is a /login endpoint). Once you have that token, you have an example in the code on how to use it in your future requests to the api.

Keep in mind that this means whenever in the old code you made an api request you will now need this authorization token (which is stored in static variable you have access to all the time, ask gpt to explain the loginscreen.xaml.cs we have so far). This means only logged users can make requests hence making the app more secure and presentation ready.

To set up .env:

1. Go into hms.backend
2. Open .env and modify the DB_HOST. This will contain your connection string. DO NOT MODIFY ANYTHING ELSE. This file will not be pushed when you push since we modified the .gitignore now and it will only be yours. NO MORE HARDCODED STRINGS

Once you cloned the repo **AND** set up .env, run the following commands:

1. cd hms.backend
2. dotnet ef database update

Now you're ready to go.

II. What we will move from the old project to the new one

- The patient dashboard (in full)

- The doctor dashboard, but the content we had with the profile will be a new separate tab (as we have the buttons at the top on the patient dashboard with “notifications” etc, the doctor will have a button with “Profile”. And also the same for patient no more input fields on the main screen both should have “Profile” button)
- Admin dashboard NOT yet

III. Extra stuff

- We will only work on the desktop app at the moment, web will be in the following days
- Our presentation is Friday at 10:00. WE MUST BE DONE BY THEN
- Please test your code before you commit and pr if something doesnt work I will reject it right away since we have such limited time. Only submit prs you are proud of