



HFiles Assignment: A Mini Medical Record Dashboard



Objective

Build a simple and clean Medical Record Dashboard with the following features:



Sign-Up (Session-Based Authentication Preferred)

User should be able to sign up with the following details:

- Full Name
- Email
- Male - female
- Phone Number
- Password



Visual Reference

Please refer to the attached screenshot for design inspiration.

The screenshot displays the HFiles Health Files dashboard. At the top, there is a blue header with the 'hfiles' logo and a user profile picture. Below the header, the user's profile is shown with the name 'Ankit k.', email 'Xyz@gmail.com', phone '9685746987', and gender 'Male' (selected). A 'Save' button is located below the profile information. To the right, there is a section titled 'Please Add Your Medical Records' with a dropdown for 'Select file type', a text input for 'Enter Name of File...', and buttons for 'Select file' and 'Submit'. Below this, there is a 'Preview of Sended file' section with a 'View' button and a 'Delete' button. A note explains that this space is empty by default and should only appear when files are added, with an example of adding lab reports and medical prescriptions.

hfiles HEALTH FILES

FH5437GV76B

Ankit k.

Email : Xyz@gmail.com

Phone : 9685746987

Gender : Male ☒ Female ☐

Change

Save

Please Add Your Medical Records

Select file type

Enter Name of File...

Select file

Submit

Preview of Sended file

View

Delete

By default, this space will be empty. It should only appear when I add files. I can add one file at a time, but multiple times.
For example: first file – lab reports, second file – medical prescription. These should be displayed here in a responsive manner.



Main Dashboard



Left Side: User Profile

- Display and allow editing of personal details: Email, Gender and Phone Number.
- A default profile image should be shown, with an option to change/upload a new one.
- A Save button at the bottom should save all updated details through an API call.



Right Side: File Submission

A form to upload medical files with the following inputs:

- File Type (Dropdown with options):
 - Lab Report
 - Prescription
 - X-Ray
 - Blood Report
 - MRI Scan
 - CT Scan
- File Name (Input field): e.g., "Ankit's Lab Report for Typhoid"
- File Upload (Supports PDFs and image files)
- A Submit button to send the file/data via an API.

▼ Bottom Section: Uploaded Files Preview

Display all submitted files:

- Show preview of uploaded file
- Display File Name and Type
- A View button to open the file in full screen

Hint:- (You may use a popup modal or open the file in a new tab)

- A Delete button to remove the file

✓ Everything must be handled through APIs

🔧 Tech Stack

Frontend

- Next.js (Preferred: App Router)
- TailwindCSS for styling (or any CSS framework of your choice)
- All dashboard UI should be component-based (Avoid putting everything in a single file)

Backend

- .NET Framework (using ASP.NET)
- SQL Database(Preferred: MYSQL) (Any relational DB of your choice)
- Store uploaded files in the backend

⚠ Notes & Best Practices (Optional But Appreciated)

- Validate file type on the backend
- Make the UI responsive using Tailwind
- API responses should be well-handled:

- 401 Unauthorized if the user is not logged in
- 400 Bad Request on invalid uploads or missing fields
- Ect. . .

Submission

Please share a GitHub repository with:

- A clear folder structure
- A README.md with setup instructions
- Frontend and backend should be in separate folders (monorepo recommended)
- If deployed (bonus points!), include the live link (You can use free platforms like Vercel, etc.)

Need Help?

We're happy to guide or clarify anything — just reply to this assignment with your questions.