What Is EleChart?

- EleChart is a web-based medical record management system.
- Medical records contain private details about peoples' health and conditions and are used by medical workers to provide accurate personal information, medication recommendations to people, and EleChart automates these.

Purpose of EleChart

- Our application's objective is to handle the bulk of jobs of doctors' medical services offered to their patients.
- A doctor's job is guaranteed to perform smoothly within their schedule and with easy use of attentiveness.

UI Design

Accessibility

- Has friendly navigation, easy to read text and a minimalist design.
- Color-contrast adjusted for colorblind clinicians.
- Allows for keyboard navigation.

Software Development

Software Model

- Our team's software model is a blend between Incremented and Big-Bang.
- Used flexible coordination throughout its development.

Accessibility

- Has friendly navigation, easy to read text and a minimalist design.
- Color-contrast adjusted for colorblind clinicians.
- Allows for keyboard navigation.

Development Timeline

Conception – Sept. '23
- Conceptualize UI design.
- Server and Database Design.
- Choose tech stack to build project.

Development Preparation – Oct. '23
- Tasks delegation
- Software version control

Foundation Development – Nov. '23
- Create basic landing page for testing
- Create DB using SQL
- Connect simple page with server

Intermediate Development – Dec. '23
- Create login page and account
- Secure login
- Finalize UI design

Advance Development – Jan. '24
- Create login page and account
- Secure login
- Finalize UI design

Testing – Feb. '24 – March '24
- Testing client data
- Testing administrator/clinician access
- Testing service forms
- Generate data and test database (CRUD operations)

Final Product – April '24
- Create data report
- Finalize design and fix bugs
- Poster design

Development Tools

- Java
- HTML
- CSS
- MySQL
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