

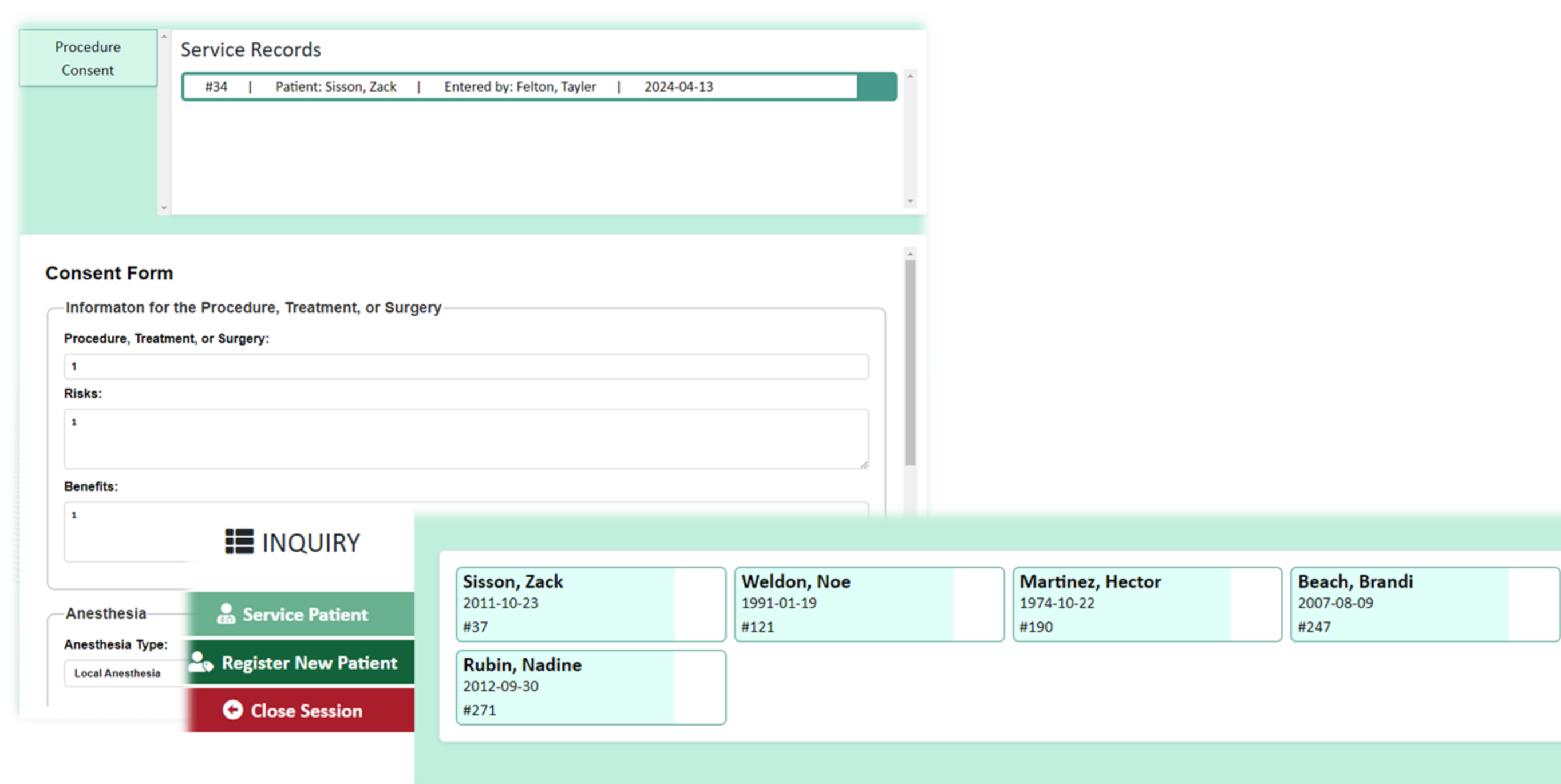
What Is EleChart?

- **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**.

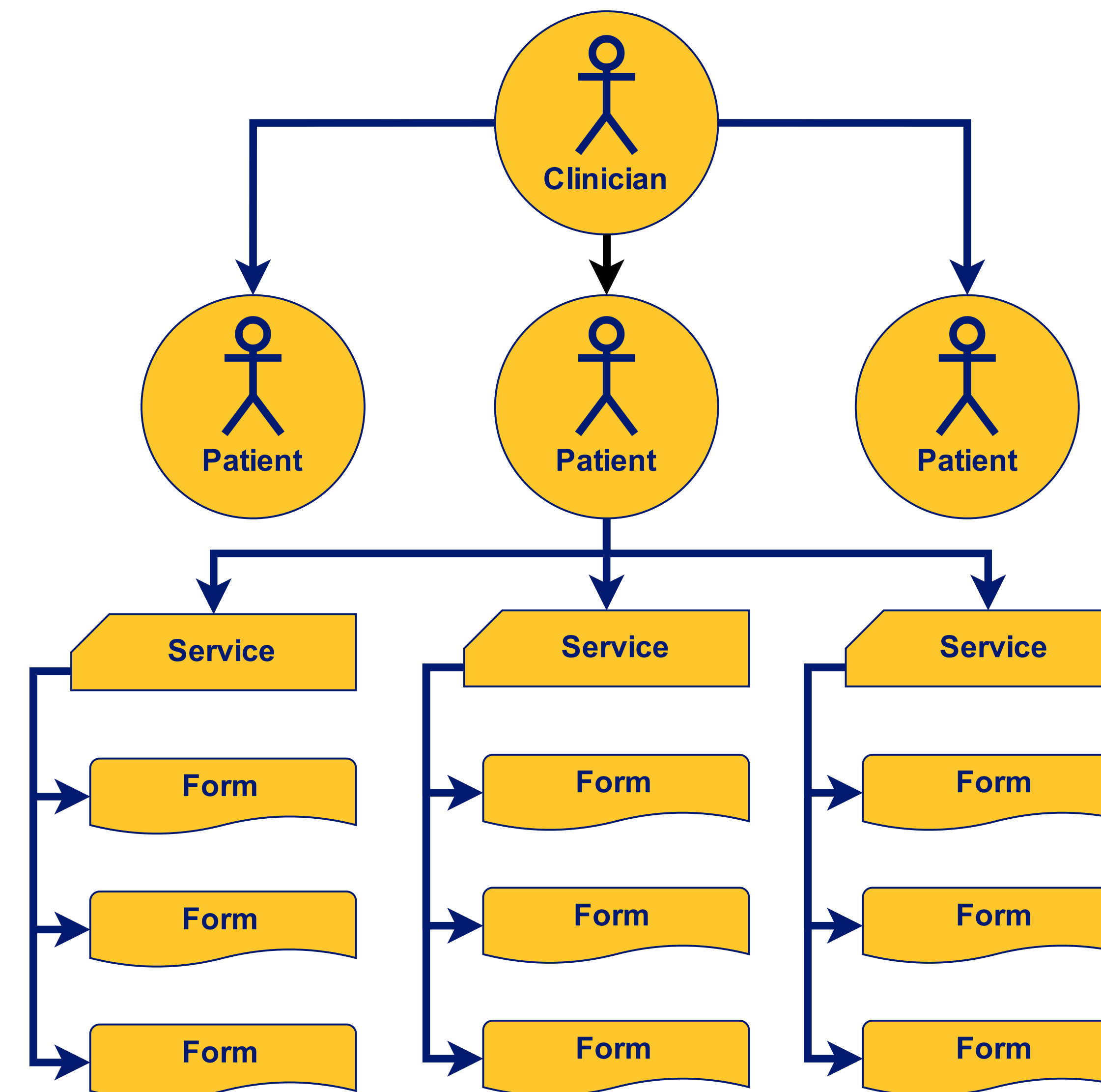
UI Design



Accessibility

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

Flow Diagram

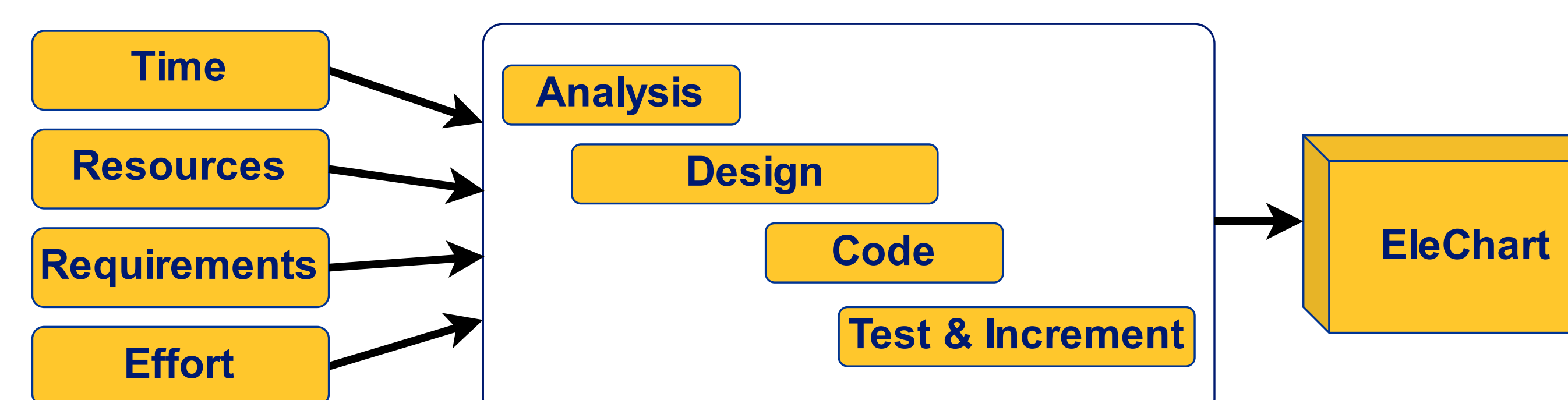


- Clinicians access a **list of patients** under **their care**.
- **Services** contains **forms** that are filled by clinicians.
- **New patients** can be registered by **authorized administrators**.
- Allows **information release** to other clinicians via consents.

Software Development

Software Model

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



Development Timeline

Conception – Sept. '23	<ul style="list-style-type: none"> • Conceptualize UI design. • Server and Database Design. • Choose tech stack to build project.
Development Preparation – Oct. '23	<ul style="list-style-type: none"> • Tasks delegation • Software version control
Foundation Development – Nov. '23	<ul style="list-style-type: none"> • Create basic landing page for testing • Create DB using SQL • Connect simple page with server
Intermediate Development – Dec. '23	<ul style="list-style-type: none"> • Create login page and account • Secure login • Finalize UI design
Advance Development – Jan. '24	<ul style="list-style-type: none"> • Create login page and account • Secure login • Finalize UI design
Testing – Feb. '24 – March '24	<ul style="list-style-type: none"> • Testing client data • Testing administrator/clinician access • Testing service forms • Generate data and test database (CRUD operations)
Final Product – April '24	<ul style="list-style-type: none"> • Create data report • Finalize design and fix bugs • Poster design

Development Tools

