

MEDICAL LITIGATION RISK FACTOR CHART APPLICATION

Background

The custom application provides decision support to medical litigation cases.

The system has been developed in such a way that the data that is entered into the system based on several criteria and conditions generates reports for the attorneys that help them in fighting the case.

Key Challenges

- ✓ System slow
- ✓ Single admin
- ✓ Non-responsive
- ✓ Supports only single case domain
- ✓ Data loading takes time
- ✓ Non-MVC Pattern

Our Solution

Based on several criteria and conditions the new system generates reports to help attorneys fight cases including data related to IUD. The new system supports more forms including,

- Mirena IUD cases
- VIOXX related cases
- Improved reports for easy decision making
- Entry screens with checkbox selection and drop down selections
- Multiple admin options are given
- Improved speed
- Multiple Admins
- Supports multiple case domain like Vioxx, General law cases, and Mirena
- Supports multiple admin
- Faster loading of data using AJAX
- Responsive design
- MVC pattern

Results

- ✓ MVC pattern for efficient organization of system architecture
- ✓ AJAX overcame the page reload issues which resulted in quicker response
- ✓ Multiple domains across cases support was achieved
- ✓ System adapts well to mobile devices
- ✓ Extended security features with multiple levels of logins

Technologies Involved

- PHP
- AJAX
- JSON
- MYSQL
- JQuery
- Apache
- Linux
- Bootstrap