

Enterprise

Search & Reporting

(Project 1 - CEG Enhanced Analysis Service)

Modular Divisions

- Back end query and reporting engine
 - Andy Marshall
- User interface
 - Jonny Homer, Darren Sheavills, Richard Collier, Jonny Rylands
- Third party system integration (write back risk scores to EMIS Web)
 - Jonny Rylands
- Additional source data feeds (SUS, death data, Cerner / Barts)
 - Andy Marshall, Jonny Rylands
- Increase data source refresh rates (daily from EMIS)
 - Andy Marshall, Jonny Rylands
- Risk scoring module

User Interface

- General (ALL)
 - Application framework
 - Error handling
- Dashboard (RC)
 - Recent tabs
 - Start/stop engine
- Library Manager (JH)
- Report Manager (RC)
- Admin Manager (JH, JR)
 - Login
 - User Management
- Query Builder (DS)
 - Feature builder
 - Library picker
 - Risk score calculator
- Report Builder (JH)
- Components (ALL)
 - Code-sets
 - Dates
 - Values
 - Value-sets
- Audit module (RC)

Technology Choices & Prerequisites

- Open Source!!
- Java 'middle-tier', with Tomcat 8 web server
- JavaScript/TypeScript web client
- AngularJS framework - complete client-side solution
 - Data-binding, templating directives, form validation, routing, deep-linking, reusable components and dependency injection.
 - Unit-testing, end-to-end testing, mocks and test harnesses.