

Department of Health (DOH) Geographical Information System (GIS): ERAtools

Overview: The Department of Health Public Health Preparedness had a need for services to provide training on ERAtools, and to develop ERAtools customized end user reporting for DOH needs utilizing the Geographic Information System (GIS) ERA Tool for chemical analyses:

1. Develop ERAtools customized end user reporting for DOH
2. Training workshop, including user guide and the training manual for ERAtools. The training will use existing public health preparedness data at DOH.
3. Project management oversight and project deliverables: Statement of Work, meeting agendas and minutes, deliverable acceptance, progress tracking.
4. Build and customize end-reporting and access for various HVA analyses.
5. Provide on-site, on-call and/or Web-based technical support to assist DOH personnel in developing ERAtools analysis definition files for various HVA analyses, using version 1.4.4 of the ERAtools Administrator to develop reports to run with ERAtools version 2.7.4.
6. Provide a user manual on how to run the specific ERAtools analysis definition files developed during the support phase.

Description of Services: The **Product Development Manager** manages research and development activities relating to the design and development of software or hardware products and qualification or re-qualification of new and existing products. Works with a cross-functional team to ensure fulfillment of product requirements, evaluates product performance, and transition products from development to commercialization. Assists in determining product delivery and deployment dates for new product releases, feature and maintenance releases, and regular corrective service or service pack releases. Acts as a technical consultant to the product organization and leads research, and prototyping of innovative technologies and products. Ensures the technology and architectural roadmap of engineering is properly aligned with and supports the product/business road map. Lead major releases and ensure feature enhancements respond to customer requests. Responsible for product delivery managing schedules and tasks related to all aspects of product development.

The **Project Manager** will be the liaison between the Technical team, the client and the company. This individual will create Scope of Work, meeting agenda & minutes and track the project progress, define project deliverables, identify project risks, review billings versus worked hours, will verify time-sheet versus assigned tasks, create and update spread-sheet with billings to date, remaining amount, and remaining hours. This individual will ensure the project is operated within budget, and will communicate with the client and the team in case of delays, risks and issues as quickly as possible. Establishes and implements project management processes and methodologies for the IT community to ensure projects are delivered on time, within budget, adhere to high quality standards and meet customer expectations. Responsible for tracking key project milestones and adjusting project plans and/or resources to meet the needs of customers. Partners with senior management of the business community to identify and prioritize opportunities for utilizing IT to achieve the goals of the enterprise.

The **Product Developer** is responsible for designing and developing software or hardware product. Understands business and customer requirements that drive the analysis and design of technical solutions. Participates in all phases of product development lifecycle, including the analysis, design, test, and integration of products. Develops design specifications and parameters that are in compliance with products' architectural blueprints. Researches, evaluates and incorporates new technology and tools to enhance the product development process. Resolves customer complaints with products and responds to suggestions for improvement and enhancements. May assist in development of product user manuals.

Technology/Environment:

- .NET
- PL/SQL
- Java
- Oracle Database
- XML
- ArcImgs

Company Services Provided:

- Product Development Manager
- Product Developer
- Project Manager
- Technical Document Writer