

Florida Department of Health

Geographical Information Systems (GIS) ERAtools

Enterprise 24x7 Inc. Project Summary

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:

- Developed ERAtools customized end user reporting for DOH.
- Conducted a training workshop, including the development of a user guide and the training manual for ERAtools. The training was used to support existing public health preparedness data at DOH.
- Project management oversight and project deliverables: Statement of Work, meeting agendas and minutes, deliverable acceptance, progress tracking.
- Built and customized end-reporting and access for various HVA analyses.
- Provided 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.
- Provided a user manual on how to run the specific ERAtools analysis definition files developed during the support phase.

E24X7INC Services

The E24X7INC **Product Development Manager (PDM)** managed the 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. He worked with a cross-functional team to ensure fulfillment of product requirements, evaluated product performance, and transitioned products from development to commercialization. The PDM assisted in determining product delivery and deployment dates for new product releases, feature and maintenance releases, and regular corrective service or service pack releases. The PDM acted as a technical consultant to the product organization and led research and prototyping of innovative technologies and products. The PDM ensured the technology and architectural roadmap of engineering was properly aligned to and supported the product/business road map. The PDM led major releases and ensure feature enhancements respond to customer requests. The PDM was responsible for product delivery managing schedules and tasks related to all aspects of product development.

The E24X7INC **Project Manager (PM)** was the liaison between the Technical team, the client and the company. The PM created the Scope of Work, drafted meeting agendas & minutes, tracked the project progress, defined project deliverables, identified & managed project risks, verified time-sheets and reconciled efforts against assigned tasks. The PM created and updated workbooks reflecting billed efforts to date, remaining efforts, and remaining budget. The PM was responsible to ensure the project operated within budget and communicated with the client and the team in the event of intermediate task delays, risks and issues in a timely manner to allow resolution. The PM established and implemented formalized project management processes and methodologies for the DOH IT team to ensure the project was delivered on time, within budget, adhered to high quality standards and met the customer expectations. The PM was responsible for tracking key project milestones and adjusting project plans and/or resources to meet the needs of customers. The PM met regularly with senior management of the business community to identify and prioritize opportunities for utilizing IT to achieve the goals of the enterprise.

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The E24X7INC **Product Developer (PD)** was responsible for designing and developing the software solution. The PD worked closely with the PDM, the PM, the business and customer to collect and confirm the business requirements that drove the analysis and design of the technical solutions. The PD participated in all phases of product development lifecycle, including the analysis, design, test, and integration of the products. The PD developed design specifications and parameters that were in compliance with products' architectural blueprints and the agency standards. The PD researched, evaluated and incorporated new technology and tools to enhance the product development process within the confines of the scope and budget. The PD resolved customer concerns with product recommendations and responded to suggestions for improvement and enhancements. The PD assisted in development of product user manuals.

Technologies Leveraged

- .NET
- PL/SQL
- MS Office Suite
- Java
- Oracle Database
- MS Project
- XML
- ArcIMS



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