**Project Overview**

Factor 1: Technical Approach: Quoters are required to submit a working prototype for each Pool it's submitting a quote for Pool One Design, Pool Two Development, and/or Pool Three Full Stack which consists of both design and development, using the openFDA (httsp://open.fda.gov) dataset and Application Programming Interface (API) which demonstrates its agile delivery capabilities.

**Basic Project Information**

|  |  |
| --- | --- |
| **Project Title** | openFDA API – Demonstration of Agile Delivery Capabilities |
| **Business Area Ownership** | IBA for GSA Request for Quotation (RFQ)  4QTFHS150004 |
| **Project Sponsor/Sponsoring Department** | IBA Corporate  [www.ibacorp.us](http://www.ibacorp.us)  GS-35F-0100J |
| **Project Manager** | Shayne Sullivan |
| **Project Manager Contact Information** | sullivans@ibacorp.us |
| **Solution Architect/Lead Designer** | Cleveland Cooke |
| **Project Duration** | Thursday June 18 thru Friday June 26, 2015  Modification 1 extension - July 1  Modification 2 extension – July 7 |

**Project Description**

|  |  |
| --- | --- |
| **Project Purpose** | * IBA chose to use the Food Recall Dataset from openFDA and develop a web-based system to easily search and view Food Recalls via a mobile device * The End-User targeted is a General Shopper looking to avoid using a Recalled Product in an upcoming meal-plan. Also, to verify that all recalled foods are not tin their grocery cart or shopping list as they gather their ingredients to make their upcoming meal. * The solution must be accessible from mobile devices and be specific for their location. * The Value of this system is to make a very easy to use system for the general family to use on a regular basis to ensure they’re avoiding the use of recalled food products. |
| **Project Scope** | Develop a Web-based, Mobile-Friendly method for checking on Food Recalls prior to shopping & preparing a meal (FoodSafetyalert.ibacorp.us) |
| **Project Deliverables** | Food Safety / Confirmation Website |
| **Project Time Frame** | 1 Week+ |
| **Project Commitment** | Use of UI Design Tools, Modern UI Web Framework and access to the openFDA API for Food Recall data. |
| **Project Priority** | High Priority – and Timeline non-negotiable |
| **Project Resources and Effort** | The Team will be comprised of Product Manager; Technical Architect; Interaction Designer/User Researcher/Usability Tester; Writer/Content Designer/Content Strategist; Visual Designer; Front End Web Developer; Back End Web Developer; DevOps Engineer; Security Engineer; Delivery Manager; Agile Coach; Business Analyst; and Digital Performance Analyst |
| **Project Cost Considerations** | Costs will be tracked by the development team members on an hourly and labor category basis. |

**Key Success Factors**

|  |
| --- |
| The system being developed for this initiative will need the following to be considered a success:   * + Access to the openFDA API   + User Interface which is accessible via a smart phone or tablet   + Searchable Parameters for each of food recalls which are relevant for the Meal being Planned   + Deployable Solution to the Cloud   + Repeatable Build / Deploy Process   + Repeatable Testing and Validation   + Sustainable and Expandable |

**Risk Identification**

What are some of the risks that may be encountered during the project? Indicate high level mitigation strategies. (Note: A risk is defined as anything that could potentially affect the successful completion of the project.)

|  |  |  |  |
| --- | --- | --- | --- |
| **Category** | **Probability** | **Risk** | **Mitigation Strategy** |
| Personnel Availability | High | Personnel not committed to project get pulled in different directions. | Ensure personnel are fully committed and dedicated to the project. |
| Schedule | High | Completed project not delivered on time. | Project will be broken up into Daily Scrums with manageable project milestones to ensure better control over project and to ensure that schedule is being maintained. |
| Clarity and Stability of Requirements | Med | Requirements not clear or constantly changing. | A decision as to who the customer is was made early on with a constant focus on a useable system to be developed in phases with lots of user interaction and feedback. |

**Key Project Stakeholders**

|  |  |  |
| --- | --- | --- |
| **Stakeholder Name** | **Role on the Project** | **Project Responsibilities** |
| IBA Program Manager | POC | Submission to GitHub for review by GSA |
| System Architect | Lead Developer | Oversee the Open Source / Process Development |

**Communications Plan**

|  |  |  |  |
| --- | --- | --- | --- |
| **Stakeholder** | **Frequency** | **Method** | **Purpose** |
| Project Sponsor | Daily | Hangouts | Discuss project progress, issues, etc. |
| Executive | Daily | Meeting | Provide project update. |