|  |
| --- |
| **For Assessment of: <Project Name>****PRT #: <PRT Number>** |
| Reviewer Name |  |
| Date Reviewed |  |
| Project Technical Architect (TA) Name |  |
| System Design Documentation (List all documents that are in focus for this review or provide link to source documentation folder/website) | Document Name: |
| Version | Revision Date |
| Instructions | **Project TA:** For all questions marked as ‘N/A’ please provide an explanation either under the question or as a general note within this review document.**Reviewer:** For all questions you mark as ‘N’ please provide an explanation either under the question or as a general note or provide a marked up version of the Project System Design documentation with your redlines, comments and/or questions. |
| General Project TA Notes |  |
| General Reviewer Notes |  |
|  |  |

| Criteria | Project TA (Y/N,N/A) | Reviewer (Y/N,N/A) |
| --- | --- | --- |
| **1. Technical Architecture** — describe the technical direction, overall technical solution in terms of class diagrams, objects and components |  |  |
| a. Is the architectural design approach specified? |  |  |
| b. Does the architectural design approach include the methodology to be used in building the system? |  |  |
| c. Does the architectural design approach include the techniques to be used in building the system? |  |  |
| d. Does the System Architecture Description define the design approach include the rationale for the methodology and the techniques used in determining that rationale? –? |  |  |
| e. Does the architectural design approach include the decisions about the system’s behavioral design and other decisions affecting the selection and design of system components? |  |  |
| f. Is the architecture design depicted using diagrams (i.e. Class Diagrams, Object Mapping, Component Diagram, Sequence Diagram) |  |  |
| g. Does the architecture design represent the system component(s), hardware, networks, and any other pertinent major system components (e.g., databases, operating systems) that support the complete system?  |  |  |
| h. Is the overall system architecture, including all system components, completely described? |  |  |
| i. Are the architectural components to be acquired, specified?  |  |  |
| j. Is the architecture design consistent with other system architecture documentation that have been developed for the project? |  |  |
| k. Is the architecture design consistent with existing policies, procedures, standards, and technological directives of FDOT? |  |  |
| l. Will the architecture work within the FDOT technical environment? |  |  |
| **2. Detailed Design** — represents the visual solution for the application look and feel from a User Interface, Batch and Reporting perspective. It will establish the details needed to completely define the various technical modules that must be produced to create the new application. The detailed design should translate all requirements into a framework (e.g. prototypes, mock-ups, workflows, or documentation, etc) which will be used as a guide in application development, testing, and user acceptance testing. |  |  |
| a. Is the design and technology to enable the exchange of information between all components, functions, and tasks specified?  |  |  |
| b. Is the design and technology to enable the exchange of information between all interfaces (e.g., application-to-application, database-to-database, other) specified?  |  |  |
| c. Are all required design features and capabilities addressed? |  |  |
| d. Are the system components, including hardware, networks, operating systems, and databases, that are to be acquired specified?  |  |  |
| **3. User Interface Design** — defines the user interface for the system (visual solution and to define the application “look and feel”) |  |  |
| a. Is the user interface for the system specified? |  |  |
| b. Are the user interface requirements (e.g., performance or usability) associated with the entire user interfaces addressed? |  |  |
| c. Is the screen navigation hierarchy specified (e.g. site map)? |  |  |
| d. Are there screen mockups? |  |  |
| e. Are the appropriate screen field attributes information for each screen addressed? Is the security defined? |  |  |
| f. Are other major categories of user functions (e.g., transactions, reports, administration) that require an interface addressed at an appropriate level of detail for development/construction? |  |  |
| g. Is the user interface design consistent with existing policies, procedures, standards, and technological directives of FDOT. |  |  |
| **4. Report Design** — define the report design for the system. |  |  |
| a. Is the report design for the system specified? |  |  |
| c. for each report Is the security and frequency defined? |  |  |
| d. Are there report mockups? |  |  |
| e. Are the appropriate report field attributes information for each report addressed? |  |  |
| f. For reports that use standard reporting tools (e.g., Crystal Reports, WebFocus) or standard data exchange languages (e.g., XML), are the form and formatting for the reports addressed? |  |  |
| g. Is the report design consistent with existing policies, procedures, standards, and technological directives of FDOT. |  |  |
| **4. Batch Design** — define the report design for the system. |  |  |
| a. Is the batch design for the system specified? |  |  |
| b. For each batch job are notifications, frequency, and reports defined? |  |  |
| c. Are there report mockups? |  |  |
| d. Are the appropriate field attributes information for each batch job addressed? |  |  |