Design Checklist

|  |  |  |
| --- | --- | --- |
| **Sl. No.** | **Checklists** | **Yes/No** |
| 1 | Documented system requirements are used as the basis for selecting a design methodology. | Yes |
| 2 | Check resources necessary to perform software design activities on the project (i.e., estimated staff, development tools) are identified. | Yes |
| 3 | Has a software structure identified by using a documented design methodology. | Yes |
| 4 | System design entities, inputs and outputs are derived from the software structure. | Yes |
| 5 | Has user interfaces designed in consultation with the system owner. | Yes |
| 6 | A logical data model which describes the system's data control flow is constructed. | Yes |
| 7 | A Functional Design Document is created and distributed to the project team members and the system owner. | Yes |
| 8 | A Functional Design Review is performed. | Yes |
| 9 | A system architecture including hardware, software, database, and data communications structures is specified. | Yes |
| 10 | Functional Design entities are used as the basis for creating system modules, procedures, and objects. | Yes |
| 11 | A physical data model, based on the logical data model is developed. | Yes |
| 12 | A system design is baselined. | Yes |
| 13 | Changes to the system design baseline are managed and controlled. | Yes |
| 14 | A System Design Document is created and approved by the Client. | Yes |
| 15 | A Critical Design Review is conducted. | Yes |
| 16 | System design activities are reviewed with the project manager/leader both periodically and as needed. | Yes |
| 17 | Software Quality Assurance/Improvement periodically reviews and /or audits software design activities and work products and reports the results. | Yes |
| 18 | The Software Design phase should comply with the timeline and milestones of the project. | Yes |
|  |  |  |

\*Project Design Owner – **Project Manager**