Requirements Review Checklist

|  |  |
| --- | --- |
| Project ID | RT001 |
| Product/ Project Version No. | Ver 1.0 |
| Module Name | Red Turf |
| Reviewed By | Sravanthi Yerramsetti |
| Date of Review | 15/10/18 |

|  |  |  |
| --- | --- | --- |
| **Category** | **Description** | **Yes / No/NA** |
| Clarity | Are the requirements written in non-technical understandable language? | Yes |
| Are there any requirements, which could have more than one interpretation? | Yes |
| Is each characteristic of the final product described with a unique terminology? | Yes |
| Is there a glossary in which the specific meaning(s) of each term is(are) defined? | Yes |
| Could the requirements be understood and implemented by an independent group? | Yes |
| Completeness | Is there a table of contents | Yes |
| Are all figures, tables, and diagrams labeled? | Yes |
| Are all figures, tables, and diagrams cross-referenced? | Yes |
| Are all terms defined? | Yes |
| Are all terms indexed? | Yes |
| Are all units of measure defined? | Yes |
| Are areas where information is incomplete because development hasn't started been specified? | No |
| Should any requirement be specified in more detail? | No |
| Should any requirement be specified in less detail? | No |
| Are all of the requirements defined? | Yes |
| Are all the requirement related to functionality included? | Yes |
| Are there any requirements which make you feel uneasy? | No |
| Are all of the requirements related to performance included? | Yes |
| Are all of the requirements related to design constraints included? | Yes |
| Are all of the requirements related to attributes included? | Yes |
| Are all of the requirements related to external interfaces included? | Yes |
| Are all of the requirements related to databases included? | Yes |
| Are all of the requirements related to software included? | Yes |
| Are all of the requirements related to communications included | Yes |
| Are all of the requirements related to hardware included | Yes |
| Are all of the requirements related to inputs included? | Yes |
| Are all of the requirements related to outputs included? | Yes |
| Are all of the requirements related to reporting included? | Yes |
| Are all of the requirements related to security included? | Yes |
| Are all of the requirements related to maintainability included? | Yes |
| Are all of the requirements related to installation included? | Yes |
| Are all of the requirements related to criticality included? | Yes |
| Are all of the requirements related to the permanency limitations included? | Yes |
| Are possible changes to the requirements specified? | Yes |
| Is the likelihood of change specified for each requirement? | Yes |
| Consistency | Are there any requirements describing the same object that conflict with other requirements with respect to terminology? | No |
| Are there any requirements describing the same object that conflict with respect to characteristics? | No |
| Are there any requirements that describe two or more actions that conflict logically? | No |
| Are there any requirements that describe two or more actions that conflict temporally? | No |
| Traceability | Are all requirements traceable back to a specific user need? | Yes |
| Are all requirements traceable back to a specific source document or person? | Yes |
| Are all requirements traceable forward to a specific design document? | Yes |
| Are all requirements traceable forward to a specific software module? | Yes |
| Verifiability | Are any Requirements included which are impossible to implement? | No |
| For each requirement is there a process that can be executed by either a human or a machine to verify the requirement? | Yes |
| Are there any requirements that will be expressed in verifiable terms at a later time? | No |
| Modifiability | Is the requirements document clearly and logically organized? | Yes |
| Does the organization adhere to an accepted standard? | Yes |
| Is there any redundancy in the requirements? | No |
| **Content** | |  |
| General | Is each requirement relevant to the problem and its solution? | Yes |
| Are any of the defined requirements really design details? | Yes |
| Are any of the defined requirements relay verification details? | Yes |
| Are any of the defined requirements relay project management details? | Yes |
| Is there an introduction section? | Yes |
| Is there a general description section? | Yes |
| Is there a scope section? | Yes |
| Is there a definitions, acronyms, and abbreviations section? | Yes |
| Is there a specific requirements section? | Yes |
| Is there a product perspective section? | Yes |
| Is there a product functions section? | Yes |
| Is there a user characteristics section? | Yes |
| Is there a general constraints section? | Yes |
| Is there an assumptions and dependencies section? | Yes |
| Is there a specific requirements section? | Yes |
| Are all of the necessary appendixes present? | Yes |
| Are all of the necessary figures present? | Yes |
| Are all of the necessary tables present? | Yes |
| Are all of the necessary diagrams present? | Yes |
| Specific | |  |
| Inputs | Are all input sources specified? | Yes |
| Are all input accuracy requirements specified? | Yes |
| Are all input range values specified? | Yes |
| Are all input frequencies specified? | Yes |
| Are all input formats specified? | Yes |
| **Outputs** | Are all output destinations specified? | Yes |
| Are all output accuracy requirements specified? | Yes |
| Are all output range values specified? | Yes |
| Are all output frequencies specified? | Yes |
| Are all output formats specified? | Yes |
| Reports | Are all report formats specified? | Yes |
| Are all calculations/formulas used in reports specified? | Yes |
| Are all report data filter requirements specified? | Yes |
| Are all report sorting requirements specified? | Yes |
| Are a report totaling requirements specified? | Yes |
| Are all report formatting requirements specified? | Yes |
| Functions | Are all software functions specified | Yes |
| Are all inputs specified for each function? | Yes |
| Are all aspects of the processing specified for each function? | Yes |
| Are all outputs specified for each function? | Yes |
| Are all performance requirements specified for each function? | Yes |
| Are all design constrains specified for each function? | Yes |
| Are all attributes specified for each function? | Yes |
| All security requirements specified for each function? | Yes |
| Are all maintainability requirements specified for each function? | Yes |
| Are all data base requirements specified for each function? | Yes |
| Are all Operational requirements specified for each function? | Yes |
| Are all installation requirements specified for each function? | Yes |
| **External Interfaces** | Are all user interfaces specified? | Yes |
| Are all batch interfaces specified? | Yes |
| Are all Hardware interfaces specified? | Yes |
| Are all Software interfaces specified? | Yes |
| Are all communications interfaces specified? | Yes |
| Are all interface design constraints specified? | Yes |
| Are all interface security requirements specified? | Yes |
| Are all interface maintainability requirements specified? | Yes |
| Are all human-computer interactions specified for user interfaces? | Yes |
| Are all HW + SW interfaces addressed? | Yes |
| **Internal Interfaces** | Have all internal interfaces been identified? | Yes |
| Have all internal interfaces characteristics been specified? | Yes |
| Timing | Are all expected processing times specified? | Yes |
| Are all Data transfer Rates specified? | Yes |
| Are all system through put rates specified? | Yes |
| Reliability | Are the consequences of software failure specified for each requirement? | Yes |
| Is the information to protect from failure specified? | Yes |
| Is a strategy for error detection Specified? | Yes |
| Is a strategy for correction specified? | Yes |
| Tradeoffs | Are acceptable trade-offs specified for competing attributes? | Yes |
| Hardware | Is the minimum memory specified? | Yes |
| Is the minimum storage specified? | Yes |
| Is the maximum memory specified? | Yes |
| Is the maximum storage specified? | Yes |
| Is the minimum size specified? | Yes |
| Is the maximum size specified? | Yes |
| Software | Are the required software environments/OS's specified? | Yes |
| Are all of the required software utilities specified? | Yes |
| Are all purchased software products that are to be used with the system specified? | Yes |
| Communications | Is the target network specified? | Yes |
| Are the required network protocols specified? | Yes |
| Is the required network capacity specified? | Yes |
| Is the required/estimated network throughput rate specified? | Yes |
| Is the estimated number of network connections specified? | Yes |
| Are minimum network performance requirements specified? | Yes |
| Are the maximum network performance requirements specified? | Yes |
| Are the optimal network performance requirements specified? | Yes |
| Quality Attributes | Are all the Quality attributes specified? | Yes |
| Legal | Are all the Legal requirements specified consistent with the contract/ MOU/ SO | Yes |