## Software Requirements Review Checklist

| S.No. | Area of Concern | (Yes/No) |
|---|---|---|
| 1 | Is the analysis of the information domain complete and accurate? | Yes |
| 2 | Does the data model correctly reflect data objects, their attributes, and relationships? | Yes |
| 3 | Are all the requirements traceable? | Yes |
| 4 | Is there a prototype available for the user? | No |
| 5 | Are the requirements consistent with the schedule, the resources, and the budget? | Yes |
| 6 | Are all requirements written at a consistent and appropriate level of detail? | Yes |

## High-Level Design Review Checklist

| S.No. | Area of Concern | (Yes/No) |
|---|---|---|
| 1 | Does the software architecture reflect the software | Yes |
| 2 | Are all the modules functionally independent? | Yes |
| 3 | Are the interfaces defined for modules and external system elements | Yes |
| 4 | Is the data structure consistent with the information domain? | Yes |
| 5 | Is the data structure consistent with the software requirements | Yes |
| 6 | Are all *relevant* **architectural views** documented? | No |

## Detailed Design Review Checklist

| S.No. | Area of Concern | (Yes/No) |
|---|---|---|
| 1 | Does the algorithm accomplish the desired functions? | Yes |
| 2 | Is the logic of the algorithm correct? | Yes |

| 3 | Does the interface map to the architectural design? | No |
|---|---|---|
| 4 | Are the error-handling methods specified? | Yes |
| 5 | Are the local data structures properly defined? | No |
| 6 | Are structured programming constructs used throughout the code? | No |
| 7 | Are the relationships between the components explicitly documented? | Yes |

| Code Review Checklist | | |
|---|---|---|
| **S.No.** | **Area of Concern** | **(Yes/No)** |
| 1 | Is the design correctly translated into code? | No |
| 2 | Are there any incorrect spellings or typing errors? | No |
| 3 | Is the language being used appropriate? | Yes |
| 4 | Is there compliance with the coding standards? | Yes |
| 5 | Are necessary comments to be added in the code as per standards | No |
| 6 | Are there any incorrect or ambiguous comments? | No |
| 7 | Are the data types and data declarations correct? | Yes |
| 8 | Are the physical constraints appropriate? | No |
| 9 | Are the code easily to understand? | Yes |
| 10 | Are the method or class too big? | No |

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