

Rubric for Requirements Document

Create a requirements document (PDS) for your project

| Dimension | Weight | Proficient 4 - excellent | Acceptable 3- good | Needs Improvement 2- fair | Unacceptable 1- poor | Pts. |
|---|------------|--|--|--|---|------|
| General Documentation Guidelines | 10% | Includes title (project name and "requirements"), authors, version number and date, page numbers (if more than two pages) | Missing only page numbers | Missing title, authors, version, or date | Missing two or more of title, authors version, date | |
| Organization | 15% | Includes concise summary of proposed project including background ("milieu"), objective, need statements. Individual requirements are grouped together logically with headings (e.g. functionality, performance, economic, etc). Includes marketing requirements | Incomplete or poorly written need or objective statements or background ("milieu") description. Missing at most one minor requirements category. | Missing need or objective statement, missing at most one or two minor categories or at most one significant category of requirements | Missing objective and need statements, missing significant categories of requirements | |
| Attributes | 30% | All requirements are abstract, verifiable, unambiguous, traceable, and realistic | At most two requirements missing at most one attribute | At most three requirements missing at most two attributes | More than three missing attributes | |
| Completeness | 30% | All externally imposed and identifiable project-specific requirements are captured | Missing at most one or two minor requirements | Missing numerous minor requirements or at most one major requirement | Missing two or more major requirements | |
| Relevance | 15% | All requirements are relevant to the proposed project | A requirement is not relevant to the proposed project | At most two requirements are not relevant to the proposed project | The requirements bear little to no relationship to the proposed project | |

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|-------------|---|
| Abstract | Specifies "what" the solution should do, not "how" (doesn't constrain solution space unintentionally) |
| Verifiable | Must be possible to measure or verify that the requirement is met |
| Unambiguous | Single unambiguous meaning with short, clear statements |
| Traceable | Must be traceable back to marketing requirements or "milieu" |
| Realistic | Must be technically feasible |