

|                     | Advanced  | Competent   | Developing   |
|---------------------|---|---|--|
| <b>Introduction</b> | Introduces system in terms of purpose and response to previous system. Supports with evidence.  | States the purpose of the system.   | Purpose of system is unclear.  |
| <i>Summary</i>      | Clearly articulates modules and interactions between modules within the system.   | May state modules or interactions, but relationship is unclear. May only list modules.  | System modules are unclear or unstated.  |
| <i>Priorities</i>   | Makes evaluative claims about system priorities in relationship to/context of key use case(s).  | Only one property is analyzed in relationship to system, <i>or</i> paper claims are presented as fact. Properties are not clearly connected to use cases.   | Lacks an introduction to key system properties.  |
| <b>Body</b>         | Provides an explanation for how system design choices demonstrate which properties are highly prioritized. Supports with evidence from text.  | Lists properties but does not connect to design choices or lacks substantial evidence.  | Does not support description of properties with evidence from the text. Omits properties from worksheet. |
| <i>Analysis</i>     | Assesses how well purpose and properties (design principles/ goals) are achieved, evaluates tradeoffs between properties. Links techniques to properties they improve or degrade. Defines properties in context of use cases or design goals, if necessary. | States whether a property is important to system and justifies that with evidence from text. Does not relate this to use cases consistently. May not evaluate tradeoffs or may omit link between properties and techniques. | Lacks textual evidence in supporting analysis. Does not explore all properties requested.                |
| <i>Scope</i>        | Assessment of properties is justified both by the primary use case and by speculative use cases that explain limits of properties in system.  | Properties are explored exclusively within a single use case.   | Properties are not connected to a use case.  |

|                   |  |   |  |
|-------------------|--|---|--|
| <i>Conclusion</i> | Summarizes assessment of system in context of use case(s) and draws conclusions.   | Summarizes how properties are prioritized to achieve design goals                               | Lacks a full summary of property prioritization.                     |
| <i>Clarity</i>    | Uses strong subjects and active verbs, and precise language including system terminology: properties, behaviors, and use cases. Applies known-new structure appropriately. | Uses strong subjects and active verbs. Syntax does not interfere with understanding of content. | Syntax is confusing. Sentences lack clear connection to the content. |

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