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| Project: | Student: | Date: |

| ***Criteria*** | ***Exceeds Expectations 93-100 (A), 90-92 (A-)*** | ***Matches Expectations 87-89 (B+), 83-86 (B),  80-82 (B-)*** | ***Fair 77-79 (C+), 73-76 (C),  70-72 (C-)*** | ***Needs Improvements 67-69 (D+), 65-66 (D)*** | ***Unacceptable Below 65 (F)*** | ***Raw Numerical Score*** | ***Weight*** | ***Weighted Click Ctrl-A and F9*** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **1. Introduction -** Your technical work  - The role of the technical work in the project | A comprehensive and insightful understanding of the technical work is presented. | A clear understanding of the technical work is presented. | A fair understanding of the technical work is presented. | Some information of the technical work is included. | The project information is not included. |  | 0.05 |  |
| **2. System Architecture**  - System Architecture Diagram  - Interfaces between the author’s subsystem and other subsystems | The system architecture is very clear. The interfaces between the author’s subsystem and other subsystems appear complete and are very clear. | The system architecture is clear. The interfaces between the author’s subsystem and other subsystems appear clear. | The system architecture is presented. The interfaces between the author’s subsystem and other subsystems appear complete. | The system architecture is difficult to understand. The interfaces between the author’s subsystem and other subsystems appear incomplete. | The system architecture appears incomplete, i.e. missing subsystems. Some critical interfaces between the author’s subsystem and other subsystems are missing. |  | 0.20 |  |
| **3. Key Needs and Requirements -** Measurable requirements or User Stories (use cases) | All needs are identified and translated into clear and measurable requirements. | Most needs are identified and translated into clear and measurable requirements. | Some needs are identified and translated into clear and measurable requirements. | Subsystem needs are mostly incomplete and not translated into requirements. | Subsystem needs are skeletal and not translated into requirements. |  | 0.10 |  |
| **4. Subsystem Concepts** - At least 3 concepts for the subsystem. - Meeting needs and requirements | At least three concepts are presented. The concept space addresses all needs and requirements reasonably. | At least three concepts are presented. The concept space addresses most needs and requirements reasonably. | Three concepts are presented. The concept space addresses some needs and requirements reasonably. | A couple of concepts are presented. | A single or no concept is presented. |  | 0.30 |  |
| **5. Technical Design Challenges**  - Non-technical issues are excluded | All Identified technical challenges are realistic and reasonable. | Most Identified technical challenges are realistic and reasonable. | Some Identified technical challenges are realistic and reasonable. | Some technical challenges are presented. | No technical challenge is presented. |  | 0.05 |  |
| **6. Test Strategy and Integration** - Test plan matches needs and requirements | The test plan is comprehensive and includes well-defined details. The integration strategy is very clear. | The test plan is comprehensive. Some details are unclear. The integration strategy is clear. | The test plan is reasonable but not comprehensive. The integration strategy appears reasonable. | The test plan is limited. The integration strategy is unclear. | No meaningful test plan is presented. No integration strategy is included. |  | 0.15 |  |
| **7. Individual Project Plan**  - Gantt Chart  - Summary Explanation | The project plan is complete and includes well-defined details about the breakdown of tasks. | The project plan is complete. Some details about the breakdown of tasks are unclear. | The project plan is reasonable but not complete. | The project plan is limited. | No meaningful project plan is presented. |  | 0.10 |  |
| **8. Applicable Standards** - System-level | All identified standards are relevant to the project. | Most identified standards are relevant to the project. | Some identified standards are relevant to the project. | The role of the identified standards is unclear. | No standard is included without any explanation. |  | 0.05 |  |
|  |  |  |  |  |  | **Overall** | 1.00 |  |

Comments