Software Engineering Capstone Project Rubric

Presenter Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Reviewer\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Total Score\_\_\_\_\_\_\_\_

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| --- | --- | --- | --- | --- |
|  |  | Assessment |  |  |
|  | **0.0-------------------1.5** | **1.6-------------------3.5** | **3.6-------------------------5.0** | 10 max |
| Category | Developing | Competent | Accomplished |  |
| Articulate requirements and design of the Project. | Demonstrated understanding of requirement and design issues. | Articulated requirement and design of the project. Described most constraints and variables to be maximized or minimized. | Clearly articulated requirements and design and underlying issues. Clearly articulated constraints and variables to be maximized or minimized. Correctly answered clarifying questions, demonstrating mastery of issues. |  |
| Plan the solution and implementation of the project. | Identified some critical tasks. Created plan with some foreseeable problems. | Identified critical tasks.  Delegated tasks to team members. Created plan for task and project completion that is workable with some modifications. | Identified critical tasks. Delegated tasks to team members. Accurately estimated time and resources for critical tasks. Created credible plan for task and project completion. |  |
| Choose appropriate tools and methods for each task | Selected appropriate tools and methods for most tasks. Identified strengths and weakness of most chosen tools. | Selected appropriate tools and methods for each task. Identified strengths and weaknesses of various tools and methods. Cited reasons for choices. | Selected appropriate tools and methods for each task. Articulated strengths and weakness of various tools and methods. Discussed and gave credible justification for choices. |  |
| Give clear and coherent oral presentation | Provided minimal presentation of design problem and results. | Presentation was reasonable and organized. Presentation presented mostly in a professional manner. | Presentation was coherent and well organized. Presentation presented in a professional manner. |  |
| Give clear and coherent written final report | Provided acceptable final report detailing all project phases and results. | Provided acceptable final report detailing all project phases and results. Report was reasonable and organized. Report was provided mostly in a professional manner. | Provided acceptable final report detailing all project phases and results. Report was coherent and well organized. Report presented design in a clear and professional manner. |  |
| Function well as a team | Contributions of team members’ variable. Lack of leadership on the project. Many individual contributions with some overlap. | Most team members contributed. .Little or no duplication of effort. Conflicts usually amicably resolved..Team members demonstrated some understanding of the overall project. | Each team member contributed to the success of the design. Little or no duplicated effort.  Few conflicts, amicably resolved. .Team members able to respond to audience's questions throughout the presentation. |  |
| Create well documented set of life cycle products specific to the project | Project documents/solution was acceptable but limited due to the background of the team. | Project documents/solution met objectives set for the project. Project documents/solution considerations showed team generally understood the problem | Project document/solution exceeded the initial objectives. Innovative approaches were demonstrated in the design. Solution indicated a thorough understanding of project. |  |

Suggestions for Improvement:

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