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| **Grading Rubric for Project 3 (Paper)** | | | | |
|  | **Levels of Achievement** | | | |
| **Criteria** | **Exemplary**  **7-8** | **Proficient**  **5-6** | **Competent**  **3-4** | **Not yet Competent**  **0-2** |
| **Formulation & scope of informatics problem** | Your problem description is clear and well thought out, demonstrating effective integration of your prior clinical knowledge and competencies and information gained in other areas of the graduate program, and the problem scope is well defined. | Your problem description is clear and demonstrates some integration of your prior clinical knowledge and competencies as well as some information gained in other areas of the program, but the scope is not well defined. | Your problem description is unclear in some respects and not well thought-out. There is little evidence that you have integrated prior knowledge and competencies. | Your problem description is unclear with little to no integration of prior knowledge and competencies. The reader is left wondering about the nature and scope of the problem. |
| **Significance of informatics problem** | Your problem represents a current significant challenge in health care, and potential benefits from the solution are clearly identified. | Your problem represents a current significant challenge in health care, but the potential benefits of solution are small, or not clearly identified. | Your problem does not represent a current significant challenge in health care. Therefore the potential benefits of solution are small or unclear. | Your problem does not represent a current significant challenge in health care. The reader is left wondering who would be interested in a solution. |
| **Environmental risk analysis** | Your environmental description is clear, and aspects of the environment that present sources of risks for the problem/solution are identified at all stages of the process. | Your environmental description is clear, but aspects of the environment that present sources of risks for the problem/solution are not always identified. | Your environmental description is clear, but aspects of the environment that present sources of risks for the problem/solution are not identified. | Your environmental description is unclear, and aspects of the environment that present sources of risks for the problem/solution are not identified. Readers who have some understanding of the risks themselves might be concerned that you are either naïve or trying to “put one over on them.” |
| **System analysis** | Your analysis of the problem is systematic and detailed, demonstrating the accurate, appropriate use of systems analysis tools at all steps of the process. | Your analysis of the problem is detailed, but not all steps are supported by the accurate, appropriate use of systems analysis tools. | You provide some analysis of the problem, but it is not detailed and not supported by the accurate, appropriate use of systems analysis tools. | Your analysis of the problem is sporadic or missing; there is no evidence of the accurate, appropriate use of systems analysis tools. |
| **Feasibility of solution** | Your proposed solution is realistic and workable. Takes into account economic and environmental conditions and the constraints these place on design and implementation. | Your proposed solution is realistic and workable for the most part. Takes into account economic and environmental conditions, but lacks attention to the constraints these place on design and implementation. | Your proposed solution is not unrealistic, but more consideration of economic and environmental conditions would require modification of the solution. As it stands, solution may not accomplish your goals. | Your proposed solution is not realistic, either because it does not conform to actual environmental or economic constraints or because it is too vaguely defined to allow the reader to understand its impact. |
| **Hardware/ software selection** | Your informatics solution is clearly defined and rationale for choice of software and hardware is clearly defined and supported by existing literature | Your informatics solution is clearly defined and rationale for choice of software and hardware is clearly defined but not supported by existing literature | Your informatics solution is clearly defined but rationale for choices is not clearly defined. | Your informatics solution is not clearly defined; rationales for choices are unclear or missing. |
| **Implementation plan** | Your implementation plan is clearly defined and rationale supported by existing literature | Your implementation plan is clearly defined but rationale is not always supported by existing literature | Your implementation plan is clearly defined but rationale is not supported by existing literature | Your implementation plan is not clearly defined. Readers are not certain what will actually happen. |
| **Education plan** | Your education plan is clearly defined and rationale supported by existing literature | Your education plan is clearly defined but rationale is not always supported by existing literature | Your education plan is clearly defined but rationale is not supported by existing literature | Your education plan is not clearly defined, making implementation success less likely. |
| **Evaluation plan** | Your evaluation plan is clearly defined and rationale supported by existing literature | Your evaluation plan is clearly defined but rationale is not always supported by existing literature | Your evaluation plan is clearly defined but rationale is not supported by existing literature | Your evaluation plan is not clearly defined; making it unlikely that the success of the innovation will be measured. |
| **Potential issues (privacy, security, ethical, legal, social, ergonomics, economic impact) are identified and solutions proposed** | Your proposal identifies all relevant issues and you propose appropriate solutions, based on existing literature | Your proposal identifies most relevant issues and some appropriate solutions proposed, based on existing literature | Your proposal fails to identify some significant relevant issues; but does propose appropriate solutions for those issues identified, based on existing literature. | Your proposal fails to identify many relevant issues and/or propose appropriate solutions based on existing literature, making successful implementation highly unlikely. |
| **Organization** | Your proposal is well organized, easy to understand, and written in a style appropriate for the target audience. Figures, tables, and appendices enhance the presentation. | Your proposal is interesting, but some points are unclear or some parts seem out of place or inappropriate for the audience (e.g., use of jargon, level of formality). The introduction and/or conclusion are weak. Figures, tables and appendices are not always used effectively. | Your proposal has some interesting points, but is hard to follow. The style of the proposal is frequently inappropriate for the audience (e.g., use of jargon, level of formality). Some of the figures, tables and appendices detract from the proposal or are difficult to follow. | Your proposal is disorganized to the extent that it prevents understanding of its contents. The style is inappropriate for the audience (e.g., use of jargon, level of formality). There is no executive summary and no conclusion. Figures, tables and appendices have errors, are redundant with text, or are missing. . |
| **Use of appendices, tables, figures** | Information in your proposal is appropriately placed in the main text or an appendix, table or figure. Appendices, tables and figures are documented and referenced in the text. | Information in your proposal is appropriately placed in the main text or an appendix, table or figure, but documentation and referencing in the text are somewhat incomplete. | Some information in your proposal is somewhat misplaced (text vs. appendix, table or figure). Appendices, tables, and figures are poorly documented and referenced in the text. | Considerable information in your proposal is somewhat misplaced (text vs. appendix, table or figure). Appendices, tables, and figures are not documented or referenced in the text. |
| **Grammar** | There is evidence that your proposal has been spell-checked and proof read. | Your proposal has a few spelling and grammatical errors. | Your proposal has more than one spelling or grammatical error per page. | Your proposal has frequent misspelled words and serious grammatical errors. |
| **Teamwork** | There is evidence of effective teamwork: a work plan with tasks assignments, due dates and responsible parties is included and has been followed or modified as needed. | There is mostly evidence of effective teamwork: a work plan with tasks assignments, due dates and responsible parties is included and generally followed or modified as needed. | There is some evidence of ineffective teamwork: but no work plan with tasks assignments, due dates and responsible parties is included, but not followed. | There is little evidence of effective teamwork; no work plan is included. |