**Analysis Report Rubric**

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| **Category** | **Grade** | **Notes** |
| Title Page, Executive Summary, Biography(1 page each) | /5 | * Reasonable overview
* Identify a need for change
* Basic overview of what that change is
* Paragraph about each person (relevant skills, project responsibilities, specific project contributions)
 |
| As-Is System Description(1 page, appendices allowed) | /5 | * Detailed
* Does the current system meet all the needs of the users?
* How does the current system work?
* What are the weaknesses of the current system?
* What are some areas for improvement that your project will address?
 |
| System Request(max 2 pages) | /10 | * Reasonable
* Detailed (contains all the required elements)
* 5th edition: pages 18-20
* 6th edition: pages 13-14
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| Feasibility Analysis(max 3 pages, appendices allowed) | /15 | * Economic feasibility
* Technical feasibility
* Organizational feasibility
 |
| GANTT Chart(no limit) | /5 | * Reasonable
* Should have a GANTT chart with actual time taken on each aspect of the project
* Include holidays
* The GANTT chart is for this class/assignment, not for the project you are designing (example tasks: meet with project sponsor, finalize analysis submission, check if DFD and use cases match, finalize design submission)
* Use correct dates
* Include both the analysis and design submissions
* Include a paragraph or two explaining how well you were able to follow your GANTT chart plan and what you learned about project planning
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| To-Be System Description and Requirements(max 2 pages, appendices allowed) | /10 | * Reasonable
* What business value does your system add?
* Meets both functional and non-functional requirements for the system
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| Data Flow Diagram(no limit, minimum 4 processes) | /15 | * Syntax
* Logic
* Context diagram, Level 0 diagram, and Level 1 diagram if necessary
* Legible – if we cannot read the data flows between your processes we are unable to grade your submission. Please check for overlapping names that harm the legibility of your DFD
* Paragraph highlighting how your DFD differs from the existing system
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| Entity Relationship Diagram(no limit) | /15 | * Syntax
* Logic
* Legible – if we cannot read the attributes or connections we are unable to grade your submission
* Paragraph explaining how your ERD differs from the existing system
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| Use Cases(one for each process in your DFD) | /15 | * Reasonable
* Matches DFD (all data flows on the DFD should match the inputs and outputs on your use cases, all processes should have use cases)
 |
| Conclusion(1 page) | /5 | * Reasonable conclusion
* Summarizes everything nicely
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| Writing, Creativity, Presentation | /10 | * Well-written, easy to read
* Professional appearance
* Everything is legible
* Meets submission guidelines
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| **Total** | **/110** |  |

**Submission**: Single PDF on Canvas that includes your entire project. Paper submission optional. Submitting your DFD, ERD, and GANTT chart files is optional. If your DFD, ERD, or GANTT chart does not fit on a single page, either break it into several pages or increase the size of the page it is on. They will typically look best on an 11x17 landscape page. Feel free to add appendices including information that does not fit in the body of the report.

**Design Report and Presentation Rubric**

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| --- | --- | --- |
| Graphics | /30 | * 3 interfaces minimum (input, output, information)
* Logo would be cool!
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| Design Criteria | /15 | * What design choices did you need to make?
* Why did you make the design choices you did?
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| Implementation Plan | /10 | * Identify organizational challenges of implementing new system
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| Presentation | /25 | * 10-15 minute presentation
* 5-10 minute Q&A after the presentation
* Potential Breakdown
* About 3-5 minutes to cover background of organization: problems the organization was facing, group biography, system proposal (what value does your project offer)
* About 3-7 minutes for interface prototype: how does it work, what design choices did you make, what issues does this design overcome
* About 3-5 minutes for implementation: what are some organizational challenges you’ll have to overcome (training, conversion, future maintenance, etc)
* Graded on completion (15 marks), presentation (5 marks), and Q&A (5 marks)
* Assume we know nothing about your project (this is true of your classmates)
* Include your experiences with the project: what was strange, weird, unexpected, etc
* Keep the class awake! Be funny!
 |
| Total | /80 |  |