Dossier Criterion A2: Criteria for Success

This section is typically 1-2 pages and it clearly states your solution’s objectives/goals. The objectives/goals should be related back to your analysis of the problem. The expected behavior of the solution should be clearly described and the limits under which it can operate outlined. Operating restrictions should include minimum performance and usability. The requirements, objectives, and restrictions that you state in the section should be referred to in later sections.

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| **Achievement Levels** | **Descriptor** |
| 0 | The student has not reached a standard described by and of the descriptors given below |
| 1 | The student **states some** objectives of the solution. |
| 2 | The student **describes most of** the objectives of the solution |
| 3 | The student **relates all of** the objectives of the solution to the analysis of the problem |
| 4 | The student **relates all of** the objectives of the solution to the analysis of the problem, and **outlines** the limits under which the solution will operate. |

Suggested Outline:

* Introduction (<1 paragraph)
  + BRIEFLY mention that this section will outline and list the objectives/goals of your solution.
* List / outline the behavior of your program
  + i.e. things that your system will let the user(s) do
  + describe the system
  + bulleted / outline form is great
  + Database Examples:
    - Data should be well-organized
    - Users should be able to add data to the database
    - Users should be able to edit data in the database
    - …display data
    - Process data – does your database calculate or generate anything?
    - Discuss the different types of users in your system
    - How the users will interact in your system
    - How will data be stored/organized in the files?
* Relate your objectives back to your analysis (1-2 paragraphs)
  + This subsection should discuss how the goals and objectives of your system will “solve” the end-user’s problem
  + Example:
    - “By using a fast searching algorithm, finding a book in the library database will be efficient and no longer time-consuming.”
* Goals
  + List all the possible goals you can think of
  + Examples
    - Interfaces should be usable (user-friendly!)
    - Searches should be fast
    - Required input should be minimal
    - Input should be verified to prevent errors
    - File Input/Output?
    - Displayed output should be easy to read
    - etc.
* Environment Requirements / Restrictions
  + List / bullet these – make your life easier
  + What kind of equipment do we need to run your system?
  + Graphical windows or just a terminal?
  + Printers?
  + Lots of hard drive space?
  + Lots of memory?
  + Network connections?