**Deliverable #2 Define Business Problem**

**50 points**

**Define the problem you are trying to solve – and how you plan to solve it.**

I expect to see the following sections:

**INTRODUCTION:** Your team name, All of the team members, and a short name for your deliverable:

Example:

Team: Big Shots

Members: Sam Spade, Richard Marlow, Felicia Timberlake

Project: Charity Ranking

**Business Problem:**  A Description of the problem you are trying to solve with an emphasis on the problem, not a proposed solution. This should be no more than two paragraphs ( and usually only one) Strive to be concise, but complete.

Example:

Our foundation receives several hundred applications for evaluation and ranking. We are currently using an excel spreadsheet to keep track of these submissions. Our reviewers need an easier way to see the submissions, and provide a ranking for each submission, and a suggested donation amount. Basically we are trying to make an onerous task easier for our reviewers.

**High Level Interface:**  You will be providing an API for your application. This API will allow your end users to interact with your system. Note that you are not providing a general purpose query capability to the users ( IE you should not allow the users to provide a ‘Query clause’ that looks like a SELECT statement)

Example We will provide APIs to:

Input applications ( some kind of batch process from an excel file perhaps)

Allow reviewer login.

Return general information about each application.

Pick an un-ranked application for a reviewer to view.

Accept a ranking score for an application from a reviewer as well as a suggested amount.

Provide a list of applications ranked by score, or other pre-defined criteria.

**Submit the document as a pdf file via Canvas.**

**Grading for this submission:**

Grading will be based on:

* Did you provide the sections noted above.
* How clear is your meaning.
* Does your business problem definition define the problem and not propose a solution?
* Does the high level interface solve the problem you have defined?
* Will the high level interface / API be enough for a demo?
* Does the high level interface / API restrict itself to the business problem ( IE does not do other unrelated things)