**INST414 – Semester Project Proposal**

Name \_Griffith, D. Gonzalez, Okpoziakpo\_\_ Total Points: \_\_\_90\_\_\_

| **Item** | **Item Name** | **Max** | **Earned** |
| --- | --- | --- | --- |
| Sections | | | |
| 1. | Who is in your group? | 5 | 5 |
| 2. | What problem are you solving? | 15 | 15 |
| 3. | What data do you plan to use, and how will you collect it? | 15 | 15 |
| 4. | What technology do you intend to use or build in this project?  (-2) Avoid focusing so much on the engineering for your project. The goal here is to do good analysis, and I don’t want you to spend a lot of time on making nice interfaces to the detriment of your analysis. | 10 | 8 |
| 5. | What insights or predictions do you want to extract from this data?  (-5) Solid foundation, but what input are you getting from your book readers? A recommendation system is a good idea, and Google Books will give you good data for characterizing books, but how are you actually making recommendations to users beyond, “here are the top 5 most popular books in a given genre”? That comes dangerously close to just counting. | 15 | 10 |
| 6. | Why this problem is interesting, or what is its business use case?  (-3) Focus on a single audience here. You want to be able to describe the needs of your users, and the needs of readers vs. publishers are quite different. | 15 | 12 |
| 7. | What metric(s) will you use to measure success of your project? | 10 | 10 |
| 8. | What do you expect to submit at the end of the project? | 15 | 15 |
| Comments | | | |
|  | Good foundation. Only two comments:   1. Avoid engineering. Your grade in the project comes from your analysis, presentation, and assessment of how well your analysis supports your stakeholders. You can have a beautiful website and not satisfy these criteria. 2. Consider carefully how you will make recommendations beyond “here are the top K most popular books in this genre.” Perhaps consider clustering books within genres, so a user can say, “I look book X”, and your system can say what the best books are in the same cluster as book X. |  |  |
|  | TOTAL | 100 | 90 |