Senior Projects

Spring 2022

**Individual** Weekly Report

NAME: Mason Lanham TEAM: Word Data Extractor

Period covered by this report: From April 6th, 2022 to April 13th, 2022

**Describe briefly this week’s activities (if any) and estimate the amount of time devoted to each one. MAKE SURE YOU SAVE A COPY OF EACH REPORT.**

1. Research Activities 4 Hours

**Explain:** I researched alternative methods to numbered list from word documents, as python-docx doesn’t have any.

2. Out of class time meeting(s) 2 Hours

**Explain:** We met and discussed progress as well as some ideas to make the implementation of our design easier. We then assigned work for this week.

3. Documentation Activities 0 Hours (other than code documentation)

(e.g., producing requirements document, test plan documentation, project related presentation, etc.)

**Explain:**

4. Design Activities 0 Hours

(e.g. Producing System Architecture/Design, etc.)

**Explain:**

5. Coding Activities (including code documentation) 10 Hours

**Explain:** I wrote several different procedure parsers to attempt to identify procedures in our internal document structure. I found out that python-docx doesn’t support numbered lists, and that using the style of paragraphs would not allow the program to identify procedures. I started writing a procedure parser using a new module that I researched called docx2python.

6. Testing Activities 0 Hours

**Explain:**

7. Other Project Related Activities 0 Hours

**Explain:**

8. Other Non-project Related Activities 1 Hour

(e.g., reading for/preparing/**non-project related** in-class presentation/report)

**Explain:** I researched some articles for the writing assignment.

9. My project related planned activities for the coming week are:

Creating a procedure parser class that functions with our current document structure using docx2python.

Creating a class to re-order our current document structure to correspond with what’s in the document using docx2python.

Integrating all our code together to be tested, including getting approval from Mr. Tang.