For the actual project, I have only outlined what functions I will need to make, the parameters they will require, and what the functions will return. The first three functions I know I can do as from what little looking into the exact code I have done so far I know are already commands but convert to plain text and make form fillable I am less sure but I think the functions I have outlined will work but I may need to look into it more. I plan to have at least the first three functions done by the next progress report. Below is the outline that I have for my project.rb file in the GitHub repo.

```ruby
#PDF Multitool Project File

#Functions
=begin
split(file, page_number)
  splits the pdf file at the page number
  return newfile1, newfile2

join(file1, file2)
  adds file2 to the end of file1
  return newfile

chunk (file, pagenumber1, pagenumber2)
  makes a series of pages a seperate file in  the range of pagenumber1 to pagenumber2
  return newfile

convert_To_Plain_Text(file)
  makes a newfile with the text of the pdf file
  return newfile

make_Form_Fillable(file, pagenumber, coordx, coordy, size)
  makes a form fillable box starting at coordx, coordy on pagenumber of file and is size large
  return newfile
=end
```

## Github Link to Scripts

*https://github.com/BenBrownstein/IS305-Ruby-Automation*