1. How would you store the data?
   1. The data will be stored in a SQL database where the document name as well as the redacted word/phrases will be hashed with seeding(if possible). This will ensure in the event of a database leak or hack that contents of the database are as secure as they can be. These tables are not designed to be as a standalone database but to be implemented into a larger database which will have a user and password to ensure that the person accessing the data can access this data.
2. How would you make it searchable?
   1. To make it searchable the program will take user input from there the data should be parsed for key words and phrases at this point we can use a SQL quarry to search for keywords in Redacted\_words tables and get their ID at this point we can now search the join table in the Redacted\_word\_FK column where again we get the ID and we will now be able to get all the document that correlate to the Redacted words being search
3. How would you expose it to external consumers?