The idea behind this app is to create a way to create quizes, tests, and just flashcard style study tools using an app and a database of questions.

Initial focus – database system:

* Database will consist of text documents (unless superior method is discovered)
* Will be sorted into academicClasses which will be sorted into units
  + Ie academicClasses\methodsOfIntegration
* Each file will have a text document with an abundance of question in it in the form:

K:: keywords, which are words specific to the unit which allow for searching for specific questions. There will be a file in each folder with all possible keywords.

D:: the difficulty of the question

Q:: the question – could include an image link aswell in a folder called “questions” next to “solutions”

A:: the answer

S:: the name of an image that has a solution formula. The image will be kept in a folder called “solutions” each unit has its own specific “solutions” folder, all with their own specific classpath.

* All specific question information keywords will be followed by “:: “ this is so they are easier to catch with regex.
* All questions will have a \n before and after, as shown in the example text above.
* Text files will be searched using regular expressions, which is why all questions in each unit will be included in a single file. Might be easier to separate questions based on difficulty, could convert that pritty easily using regular expressions so just keep everything in the same text document.

To be continued later. Just needed to get the documentation down.