Database Tables Needed:

* User Tables

- contains a list of user information:

- role (student, teacher, administrator)

* + - passwords
  + - active (is the user active or not; boolean)
  + - restrictions (are there any special restrictions for the account)
* Posts Tables

- contains each posts information including:

- author (user name of the individual making the post)

* + - class (class number and class department abbreviation)
  + - text (contains the body of the text for the note)
  + - image (information on the image(if included))
  + - ratings (both the up-votes and down-votes)
  + - id (the post’s number in the system(in case multiple have the same title and class information))
  + - endorsement information (if a professor believes the notes are adequate or should be used as an example)
* Comments Tables

- contains a set of comments for the associated posts this information includes:

- post id (used to link tables)

* + - comment text information (the actual comment)
  + - author (user name of the individual making the comment)