

Milestone 7: Draft Requirements Document

SwearEngineers

*** Final Draft must include Detailed Design png files ***

1. Database Initialized
 - * A minimum of 5 test users have been created for testing and can log on
 1. Admin
 2. Instructor A
 3. Student Associated only with Instructor A
 4. Instructor B
 5. Student Associated only with Instructor B
2. A login screen to be created has the following features:
 - * Password characters that are never visible
 - * Python functions should be implemented to scrub any data that will become a query on database
 - * A maximum amount of login attempts over a time-frame
 - * A link to the new users page
 - * An email link to the administrator or appropriate tech response
3. The data entered by a given Instructor Account can only be viewed by:
 - * Admin
 - * Associated Student
4. A Math Interface Exists on the Instructor and Student Accounts for input
 - * These buttons will insert Latex into a visible textbox
 - * When the Latex in the data textbox changes, a preview is (re)generated
 - * Python functions should be implemented to scrub any data that will be inputted into the database
5. Instructor accounts have the following access over associated students:
 - * Assign Work
 - * View Progress
 - * Accept associations (when the student joins the class)
 - * Grade and leave feedback on student work
6. Student Account screens should have the ability to:
 - * View previous, current, and assigned work
 - * View grades and instructor feedback from previous assignments
 - * Include a link to email the instructor
7. A new user screen should include a drop-down menu to select a class
 - * The instructor must accept this request
 - * Instructor accounts should be added by the administrator
8. Admin account has the ability to perform the following functions on accounts and data:
 - * Create
 - * Manipulate (Associate)
 - * Remove

9. All screens of the application should look appropriate on the following devices:
- * PC's
 - * Macs
 - * The most popular tablet brands (i-pad, etc)