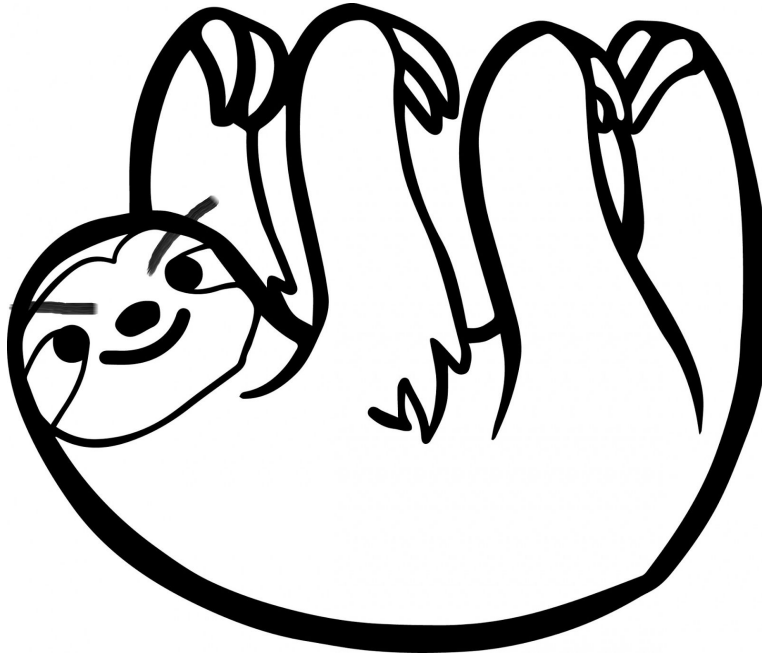


Not Fast, Just Furious



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Validation Testing v2

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Changelog

Version 1 - (Nov 20)

- Added validation tests to completed user stories

Version 2 - (Nov 27)

- Added validation tests to U8 and U9

User Story Tests

Professor Account is Username = 'p' Password = 'p'. (no quotations)

Student Account is Username = 's' Password = 's'. (no quotations)

(U1) P: (13) I want to be able to create simple problems that use addition/subtraction without LaTeX or PERL

- Type 'a' for username and 'a' for password and click login. Information will not match data stored in database so will not be allowed entry (

(U2) P: (8) I want to be able to create sets of problems and upload them

- Type 'p' for username and 'p' for password and click login
- Click 'Add Questions'
- Database verifies that that only existing course ids are under the 'Enter course id' box and only assignment ids that are paired with selected course id under the 'Enter assignment id' box
- If you select 'CSCC01' as course id and '1' as assignment id, checking the database and going to the student login (explained later) and checking out this assignment proves that it was uploaded correctly

(U3) P: (8) I want to be able to add students to the class

- Type 'p' for username and 'p' for password and click login
- Click 'Manage Student Information'
- Checking the database verifies that all students are shown in the table
- Click 'Upload Student Files' and navigate to the CSV file(s) that holds student information in the same order as the default table in the gui. Table updates automatically and adds students as long as information is valid and there are no duplicate student numbers or utorids
- Click 'Add Student' and enter student first name, last name, student number, and utorid. As long as information is valid and student number and utorid is unique, student will be added to database and to table.

(U4) P: I want to be able to create assignments with a name and deadline

- Type 'p' for username and 'p' for password and click login
- Click 'Add Assignments'
- Select a course using the drop down
- Enter an assignment id
- Enter the number of questions that the students have to complete
- Enter the name of the assignment
- Click the small calendar under 'Enter deadline' to set a date for when it is due
- Click Submit and the information will be sent to the database

(U5) P: (4) I want students to be able to receive the assignments

- Type 's' for username and 's' for password and click login
- Choose one of the available courses using the first drop down bar
- Choose an assignment and you will be brought to the corresponding assignment page

(U6) P: (3) I want students to be able to submit their assignments

- Type 's' for username and 's' for password and click login
- Choose one of the available courses using the first drop down bar
- Choose an assignment and you will be brought to the corresponding assignment page
- Answer the given questions(don't necessarily have to answer them)
- Click 'Submit' button once finished and your result should be sent to the database

(U7) S: (1) I want to be able to see my mark as soon as possible so I don't need to go check it later

- Type 's' for username and 's' for password and click login
- Choose one of the available courses using the first drop down bar
- Choose an assignment and you will be brought to the corresponding assignment page
- Answer the given questions(don't necessarily have to answer them)
- Click 'Submit' button once finished and your result should be sent to the database
- After submitting your answers, a message box will appear and show the student their mark on that assignment

(U8) S: (1) I want to be able to view the class average, to compare my own grades to the class

- Type 's' for username and 's' for password and click login
- Choose one of the available courses using the first drop down bar
- Choose one of the available assignments
- Once that is done, you will be able to see the class average and your own mark for that assignment

(U9) P: I want the assignment to be individualized

- Type 's' for username and 's' for password and click login
- Choose 'MATA01' as the course and select the second assignment
- Now you should see a set of questions with variables and their values
- If you click back and go back to the same assignment, the values should be different