Business Rules

1.

User inputs a username and password to log into the system

Input: input\_username, input\_password

Output: true or false (true is successful log-in)

Query:

SELECT \* FROM accounts

WHERE accounts.username = input\_username AND accounts.password = input\_password

2.

A user logged into a mentor account can fill out student evaluation forms to evaluate students under them.

Input: Form attributes (as stated in ERD / Data Dictionary)

Output: Filled out student evaluation form (status changed upon submission)

3.

A user logged into a student account can fill out a practicum approval form

Input: Form attributes (as stated in ERD / Data Dictionary)

Output: Filled out practicum approval form (status changed upon submission)

4.

A user logged into a student account can fill out a practicum learning contract

Input: Form attributes (as stated in ERD / Data Dictionary)

Output: Filled out practicum learning contract (status changed upon submission)

5.

A user logged into a student account can fill out a midpoint review

Input: Form attributes (as stated in ERD / Data Dictionary)

Output: Filled out midpoint review (status changed upon submission)

6.

A user logged into a student account can fill out a student evaluation of practicum

Input: Form attributes (as stated in ERD / Data Dictionary)

Output: Filled out student evaluation of practicum (status changed upon submission)

7.

A user logged into a mentor account can review a student’s midpoint review form given that the student is under him and the student has submitted the form

Input: id\_number, status

Output: Midpoint review form of student with the given id\_number

8.

A user logged into a mentor account can review a student’s practicum learning contract given that the student is under him and the student has submitted the form

Input: id\_number, status

Output: Practicum learning contract of student with the given id\_number

9.

A user logged into a faculty account can approve or reject (synonymous to sending the form back with comments) a student’s practicum approval form

Input: id\_number, comments, decision, status

Output: Practicum approval form of student with the given id\_number and the comments (if it is rejected) and decision to be sent to the student

10.

A user logged into a faculty account can approve or reject (synonymous to sending the form back with comments) a student’s practicum learning contract, given that it was submitted by the student and reviewed by his mentor

Input: id\_number, comments, decision, status

Output: Practicum learning contract of student with the given id\_number and the comments (if it is rejected) and decision to be sent to the student

11.

A user logged into a faculty account can approve or reject (synonymous to sending the form back with comments) a student’s midpoint review, given that it was submitted by the student and reviewed by his mentor

Input: id\_number, comments, decision, status

Output: Midpoint review of student with the given id\_number and the comments (if it is rejected) and decision to be sent to the student

12.

A user logged into a faculty account can approve or reject (synonymous to sending the form back with comments) a student’s evaluation, given that it was submitted by the mentor

Input: username, password (of faculty), id\_number, comments, decision, status

Output: Evaluation form of the student with the given id\_number (as submitted by the mentor) and the comments (if it is rejected)

13.

A user logged into a faculty account can generate student and mentor accounts

Input: username, password (of faculty), username (of account to be generated)

Output: Generated account with fixed default password

14.

A user logged into a faculty account can link student accounts to mentor accounts

Input: username (of student), username (of mentor)

Output: Linked accounts