1: Introduction of Team

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3. Roles: Elizabeth - debugger, programmer, smiles

Matt - database management, auxiliary documentation

Sam - programmer

Eunice - Project Design, programmer

Nick - programmer, documentation

2: Location of Project

https://swe.umbc.edu/~hearn1/CMSC331/proj2/

3: Project Description

Our goal with this project was to create a working advising website for the CNMS department. This was to handle both individual as well as group advising for students still within the gateway portion of their academic career.

4/5: What was added and Improved given old code:

In terms of the website we kept the login and homepages similar to they were given. A majority of the other pages required excessive debugging of syntax and logic issues. Lots of other pages were added for functionality. A full list of all modifications would be excessively long so instead we found it easier to say what we left unmodified above.

The following are the design modifications that we did:

-we scratched the advisor\_majors, adviosr\_appts, student\_appts tables

-we combines these into a single meetings table(see above for format)

-the student\_advising\_info was modified to not use boolean logic and instead

just used 2 text types.

-student\_basic\_info now has a meetingID which keeps track of what meeting a

student was attending

-student\_basic\_info now had a single major instead of boolean logic for what

major the student was

-advisor\_info was not modified

The following are a list of pages added or modified(modifications described). All pages had debugging/ syntax issues which will not be described for lack of space.

Home

-advProcessLogin.php modified for new database setup, session variables changed

-stuCreate.php modified for new database setup

-stuProcessLogin.php modified for new database setup, session variables changed

-stuLogin.php modified for new database setup

-advLogin.php modified for new database setup

-general.css completely revamped( images were also added throughout project)

-index.php we used original homepages for student and advisor side, but redid the general homepage

-stuRegister.php modified for database setup, and changed to be a drop down list- set inputs to be required

-stuSet.php modified for database setup, minor changes for input validation

Student Side:

-setAppointments.php modified for database setup, sql needed major changes for logic

-confirmDelete.php added to confirm that a student wanted to delete their appointment

- sends notification for advisor

-processStuHome.php modified for additional buttons

-other.php completely new- handles if a student clicks other and are on wrong advising website

-questions.php completely new- handles the advising questions

-setQuestions.php completely new- handles the advising questions (sends to database)

-viewAppointment.php major changes for functionality

-editinfo.php - completely new, used for a student to change their info

-setinfo.php - completely new, used for setting student info

-searchAppointments.php - major changes for functionality

-canDeleteAppointments - modified for databases major changes for functionality

-index.php - minor changes

-general.css - added

Advisor Side:

-processAppts.php - completely new

-updateAdvisorInfo.php - modified for new database structure

-processNotifications.php - completely new

-processAdvisorHome.php - modified for new links

-viewAppts.php - completely new

-viewAllStudents.php - completely new

-viewAllApps.php - completely new

-advisorCreated.php - completely new

-apptCreated.php - completely new

- createAdvisor.php - completely new

- processCreateAdvisor.php - completely new

- eduitAdvisorInfo.php - modified for database

-index.php - modified for new links

-infoEdited.php - completely new

-notifications.php - completely new

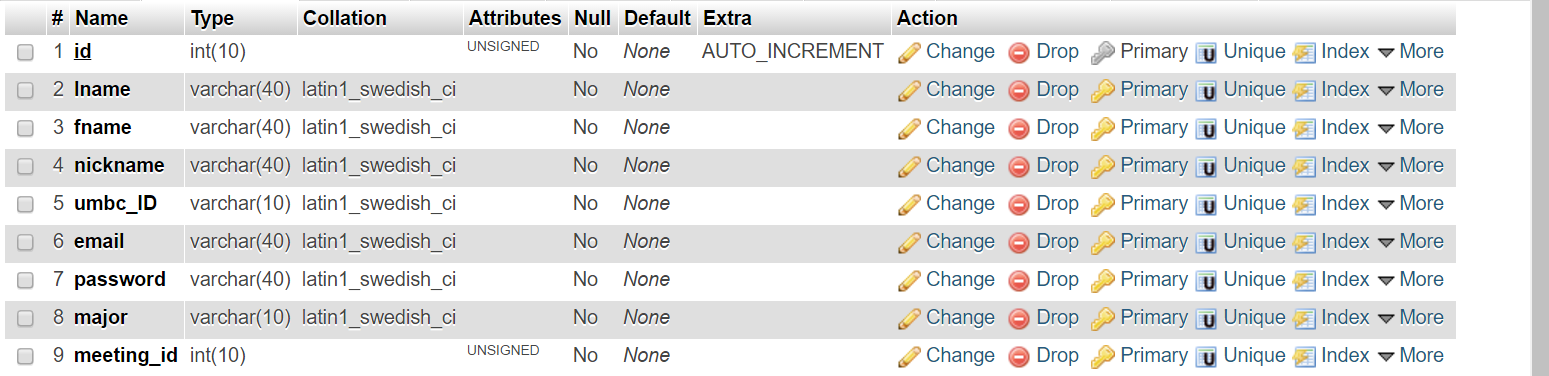
-turnOn.php - completely new

-turnOff.php - completely new

-turnOffConfirm.php - completely new

-searchAppts.php - completely new

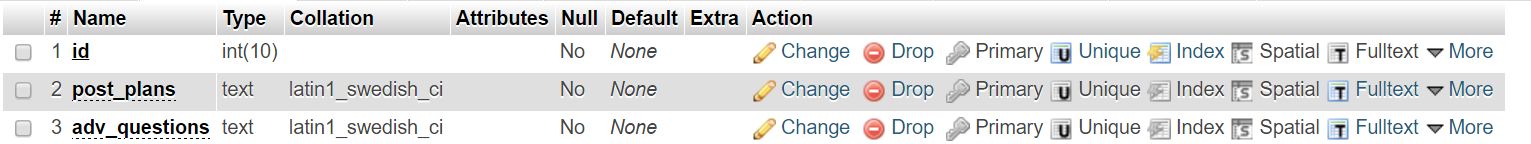
6: Database Setup



Database eaucott1

Table structure for table students\_basic\_info

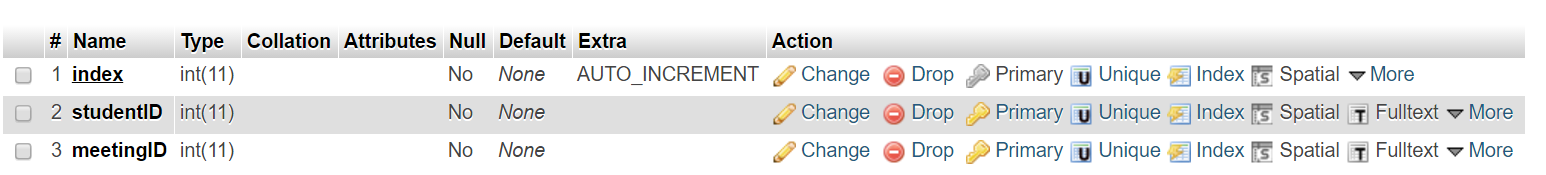
|  |  |  |  |
| --- | --- | --- | --- |
| Column | Type | Null | Default |
| id | int(10) | No |  |
| lname | varchar(40) | No |  |
| fname | varchar(40) | No |  |
| nickname | varchar(40) | No |  |
| umbc\_ID | varchar(10) | No |  |
| email | varchar(40) | No |  |
| password | varchar(40) | No |  |
| major | varchar(10) | No |  |
| meeting\_id | int(10) | No |  |



Database eaucott1

Table structure for table students\_advising\_info

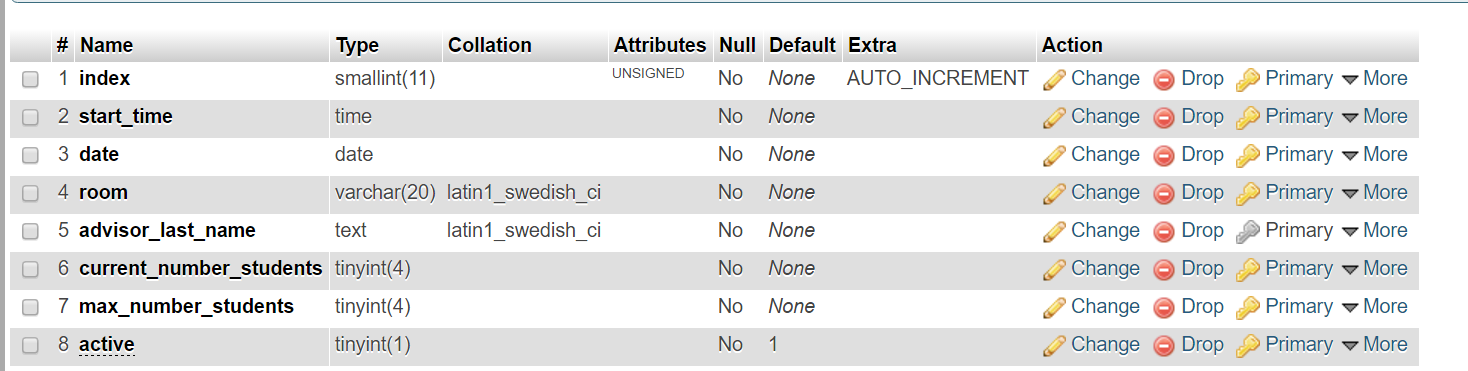
|  |  |  |  |
| --- | --- | --- | --- |
| Column | Type | Null | Default |
| id | int(10) | No |  |
| post\_plans | text | No |  |
| adv\_questions | text | No |  |



Database eaucott1

Table structure for table notifications

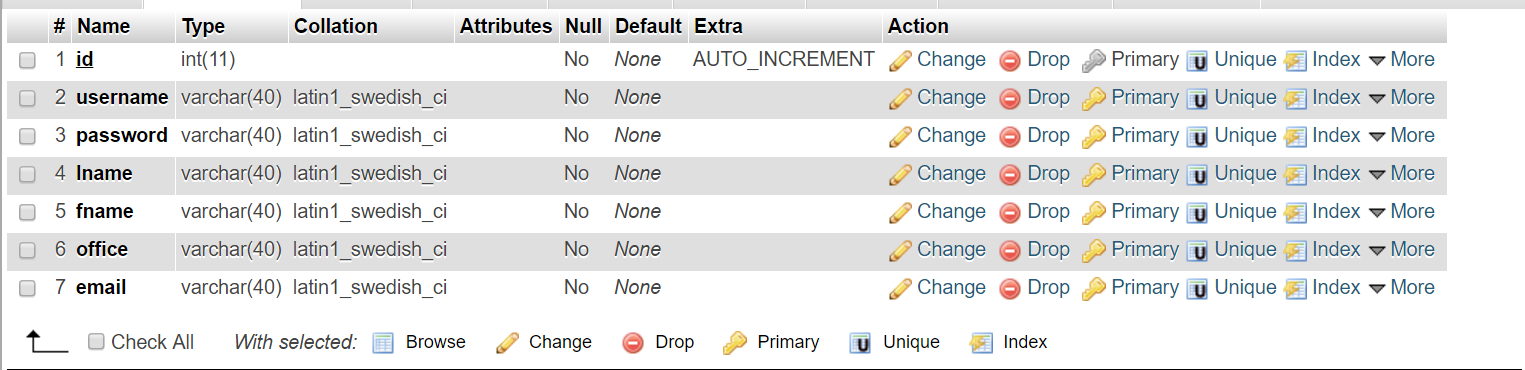
|  |  |  |  |
| --- | --- | --- | --- |
| Column | Type | Null | Default |
| index | int(11) | No |  |
| studentID | int(11) | No |  |
| meetingID | int(11) | No |  |



Database eaucott1

Table structure for table meetings

|  |  |  |  |
| --- | --- | --- | --- |
| Column | Type | Null | Default |
| index | smallint(11) | No |  |
| start\_time | time | No |  |
| date | date | No |  |
| room | varchar(20) | No |  |
| advisor\_last\_name | text | No |  |
| current\_number\_students | tinyint(4) | No |  |
| max\_number\_students | tinyint(4) | No |  |
| active | tinyint(1) | No | 1 |



Database eaucott1

Table structure for table advisor\_info

|  |  |  |  |
| --- | --- | --- | --- |
| Column | Type | Null | Default |
| id | int(11) | No |  |
| username | varchar(40) | No |  |
| password | varchar(40) | No |  |
| lname | varchar(40) | No |  |
| fname | varchar(40) | No |  |
| office | varchar(40) | No |  |
| email | varchar(40) | No |  |

Explanation of Databases:

All four of the databases store informations for their particular situation. The student\_basic\_info table is used for storing student data. Meetings is used for storing data on the meeting time, location, and personal. Notifications is used for storing what students have left meeting and have an advisor who needs to be notified. Advisor\_info is used for storing data regarding the advisor.

7: Languages

We used a little bit of Javascript for popups, and mostly php.

8: SlickSheet



9: Videos

https://www.youtube.com/playlist?list=PLWOUQhIziXA1X-O\_7VD\_07tJc\_tq5Y3gz