Reece Panek

CSC 521

Bo Hatfield

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Project Journal

* Created a database in order to handle the information that will need to be stored onto the web application.
* Created HTML design for the web pages
* Created a login screen with the ability to login into a user account that is in the database with a username and a password.
* PROBLEM: The account information was not being stored throughout the application.
* SOLUTION: PHP offers the ability to create sessions that are stored in the browser that can be used to carry variables across pages.
* Created Instructor pages and added PHP code to get the information needed from the database.
* SQL script created in order to display the classes the instructor is a part of.
* PROBLEM: Drop-down menu to select a class is not able to show the whole results from the table as just the Primary Key is needed.
* SOLUTION: Created variables that find the length of the string from the SQL statement and find the needle defined as “:” and only save the information after the needle for future use
* Poll image upload created in order to store the image on the server and the link to the image in the database.
* PROBLEM: If an image on the server has the same name you cannot upload the image.
* SOLUTION: Take the filename of the image and append a timestamp to the name so it will have a unique filename on the server.
* Most of the files can be taken from the Instructor side and used for the Student with relatively few changes.
* Updated SQL to properly match the student tables.
* PROBLEM: Students are linked to class through the polls that they take but can not take a poll without being part of a class
* SOLUTION: Added Student\_takes\_Class table to the database in order to link the students with the class.
* Added ability for Students to take and answer polls created by Instructor
* PROBLEM: There is no way to define if a poll is ready to be answered or if a poll is already completed
* SOLUTION: Added Status column to Poll table to define the status of the poll and have the instructor automatically update it as they create and finish the poll.
* Added fixes for small issues that were more of a personal issue than a real one
* Added more comments in places where some things may not be entirely clear
* Added real data and accounts to the database for preparation for the presentation.