

Deliverable 6

What we have working so far for the project is:

- Database
 - Prereq:
 - Prereq ID
 - Course_ID
 - Prev Course ID
 - Previous_course:
 - Prev ID
 - Course_ID
 - Prev Course ID
 - GPA
 - Term
 - Current_course – Stores all current
 - Current Course ID
 - Course_ID
 - Student ID
 - GPA
 - Term
 - Professor:
 - ID Number
 - First Name
 - Last Name
 - Email
 - Phone number
 - Student: Holds student info
 - Student ID
 - First name
 - Last name
 - Email
 - Phone number
 - GPA
 - Credits
 - Course: Holds Class info: to be used to show student's class schedule and available classes.
 - Course ID
 - Course Num
 - Subject
 - Course Name

- Room Number
 - Professor Last Name
 - Date & time
 - Credits
 - Current_Enroll
 - Max_Enroll
- User_info: Holds user login info.
 - ID number
 - Username
 - Password
 - Account Type
- Java code
 - Connects the GUI to the database
 - Coded the login to allow sign securely.
- Login Screen
 - Layout & Design
 - Verifies that the user exists.
 - Verifies user's password.
 - Password encryption
 - Takes you the home screen if both credentials are verified.
- Admin Home
 - Add User: Student or Professor
 - Add Class
- Add User
 - Add Student
 - Add Professor
- Add Class
 - Input all info class
- Student Home Screen
 - Layout & Design
 - Add Class
 - Drop Class
 - Logout
- Class Search Screen
 - Layout & Design
 - Search Class
 - Logout

What will be shown in the demo video is down below. Along with the database.

Scenario #1

- Student starts at the Login Screen.

Login

Login

Username:

Password:

Sign In

- Student enters incorrect username & Password.

Login

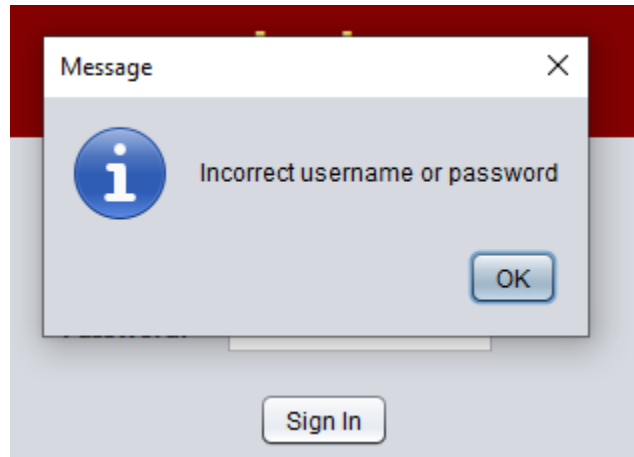
Login

Username:

Password:

Sign In

- Error message is displayed stating that incorrect password or username was entered.



Scenario #2

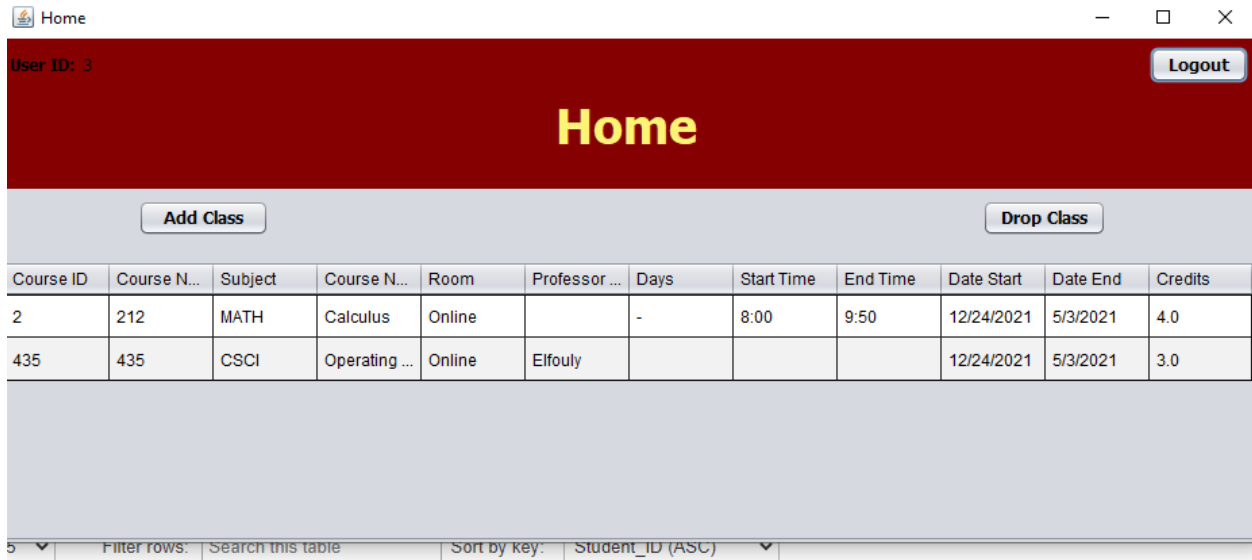
- Student starts at the login screen.

A screenshot of a web application window titled "Login". The window has a red header bar with the word "Login" in yellow. Below the header, the background is light gray. There are two input fields: "Username:" and "Password:". The "Username:" field is empty. Below the "Password:" field is a "Sign In" button.

- Student enters correct username & password.

A screenshot of the same "Login" window. The "Username:" field now contains the text "Michael_3". The "Password:" field contains seven asterisks "*****". The "Sign In" button is still present below the password field.

- Student is taken to the home screen where they can take several different actions.



Home

User ID: 3 Logout

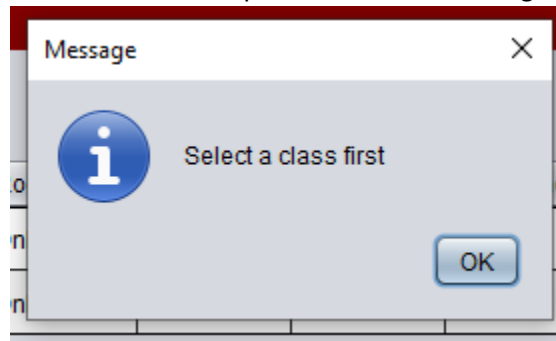
Home

Add Class Drop Class

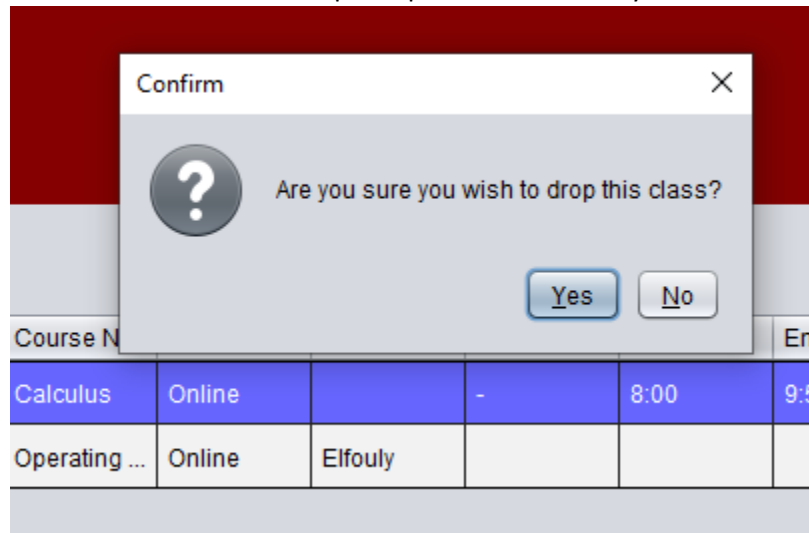
Course ID	Course N...	Subject	Course N...	Room	Professor ...	Days	Start Time	End Time	Date Start	Date End	Credits
2	212	MATH	Calculus	Online		-	8:00	9:50	12/24/2021	5/3/2021	4.0
435	435	CSCI	Operating ...	Online	Elfouly				12/24/2021	5/3/2021	3.0

5 Filter rows: Search this table Sort by key: Student_ID (ASC)

- Student tries to drop class without selecting a class.



- Student selects class to drop. Drops class successfully.



Add Class						Drop Class					
Course ID	Course N...	Subject	Course N...	Room	Professor ...	Days	Start Time	End Time	Date Start	Date End	Credits
435	435	CSCI	Operating ...	Online	Elfouly				12/24/2021	5/3/2021	3.0

- Student searches class to add

Class Search

User ID: 3

ReturnLogout

Class Search

Comp

Search

Add Selected Class

Course ID	Course_...	Subject	Course ...	Room	Profess...	Days	Start Time	End Time	Date Start	Date End	Credits
211	211	CSCI	Comput...	Online	Liu	-	-	-	12/24/20...	5/3/2021	4.0
312	312	CSCI	Comput...	Online	Ravensc...		14:00	15:50	12/24/20...	5/3/2021	4.0
313	313	CSCI	Comput...	Online	Ravensc...		10	12:30	12/24/20...	5/3/2021	4.0

- Student logs out using logout button or use return button to go to home screen.

Scenario #3

- Admin Starts at login screen

Login

Login

Username:

Password:

Sign In

- Admin enters correct username & password.

Login

Login

Username:

Password:

- Admin is taken to homepage. Where they can take several different actions.

Admin Home

- Admin creates new user. Selects to create new student account. Hits submit button.

Home

Add User

Acct Type:

ID:

Fname:

Lname:

Username:

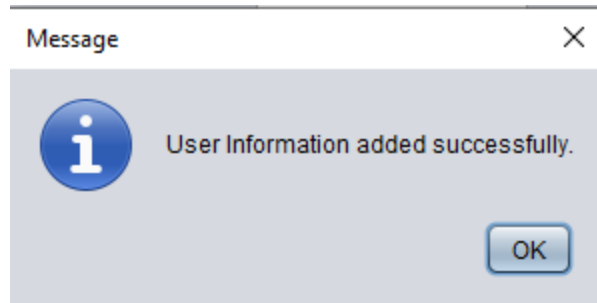
Password:

Email:

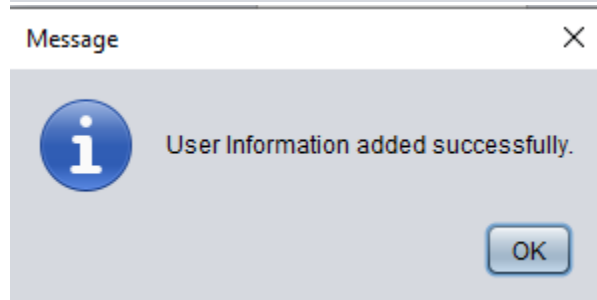
Phone:

Credits:

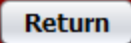
GPA:

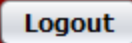


- Admin creates new user. Selects to create new professor account. Hits submit button.

A web application window with a red header bar. On the left of the header is a "Home" button, and on the right is a "Logout" button. In the center of the header, the text "Add User" is displayed in large yellow font. Below the header, the form has a light gray background. It starts with "Acct Type:" followed by a dropdown menu showing "Professor". Below this are five labeled text input fields: "ID:" with the value "11", "Fname:" with the value "Chris", "Lname:" with the value "Teixeira", "Email:" with the value "cteixeira@ric.edu", and "Phone:" with the value "4015557890". At the bottom of the form is a "Submit" button.

- Admin returns to the home screen. Clicks on Create Class





Create Course

Course ID

213

Course Number

213

Subject

MATH

Course Name

Calculus II

Room

Online

Professor Name

Teixeira

Days

MoWe

Time Start

10:00

Time End

11:50

Date Start

12/24/2021

Date End

5/3/2022

Credits

3

Submit

Message



Course Created

OK

- Database: user_info

New

class_scheduler

New

course

current_course

prereq

previous_course

professor

student

user_info

information_schema

mysql

performance_schema

phpmyadmin

test

SELECT * FROM `user_info` ORDER BY `Student_ID` ASC

Show all

Number of rows: 25

Filter rows: Search this table

Sort by key: Student_ID (ASC)

+ Options

Student_ID

Username

Password

Account_Type

<input type="checkbox"/>				0	Admin	dc647eb65e6711e155375218212b3964	A
<input type="checkbox"/>				3	Micheal_3	5f4dcc3b5aa765d61d8327deb882cf99	S
<input type="checkbox"/>				4	Brooke_4	5f4dcc3b5aa765d61d8327deb882cf99	S
<input type="checkbox"/>				6	kfield_3333	5f4dcc3b5aa765d61d8327deb882cf99	S
<input type="checkbox"/>				7	Xgreene_0717	5f4dcc3b5aa765d61d8327deb882cf99	S
<input type="checkbox"/>				8	DGroeneveld_1111	5f4dcc3b5aa765d61d8327deb882cf99	S
<input type="checkbox"/>				9	Ajulian_8823	5f4dcc3b5aa765d61d8327deb882cf99	S
<input type="checkbox"/>				12	Rwayne_3220	5f4dcc3b5aa765d61d8327deb882cf99	S
<input type="checkbox"/>				13	Scarter_4831	5f4dcc3b5aa765d61d8327deb882cf99	S
<input type="checkbox"/>				14	Kshort_0921	5f4dcc3b5aa765d61d8327deb882cf99	S
<input type="checkbox"/>				15	Ddelsesto_7777	5f4dcc3b5aa765d61d8327deb882cf99	S
<input type="checkbox"/>				16	Diego_7216	d4705b9f42c96eeb0b9fb53266013516	S

Database: Student

New

class_scheduler

New

course

current_course

prereq

previous_course

professor

student

user_info

information_schema

mysql

performance_schema

phpmyadmin

test

SELECT * FROM `student`

Show all

Number of rows: 25

Filter rows: Search this table

Sort by key: None

+ Options

Student_ID

Fname

Lname

Email

Phone_Num

Credits

Sum_GPA

<input type="checkbox"/>				0	Admin			0.0	0.000	
<input type="checkbox"/>				3	Michael	Goldberger	Mgoldberger_3285@email.ric.edu	4015164628	0.0	0.000
<input type="checkbox"/>				4	Brooke	Gannon	Bgannon_1337@email.ric.edu	4011572340	0.0	0.000
<input type="checkbox"/>				5	Brennan	Gannon	Bgannon_1336@email.ric.edu	4011579995	0.0	0.000
<input type="checkbox"/>				6	Kerrin	Field	Kfield_3333@email.ric.edu	4015164628	0.0	0.000
<input type="checkbox"/>				7	Xavier	Greene	Xgreene_0717@email.ric.edu	4018980099	0.0	0.000
<input type="checkbox"/>				8	Darol	Groeneveld	DGroeneveld_1111@email.ric.edu	4018853464	0.0	0.000
<input type="checkbox"/>				9	Alex	Julian	Ajulian_8823@ric.email.edu	4017822324	0.0	0.000
<input type="checkbox"/>				12	Reggie	Wayne	Rwayne_3220@email.ric.edu	40175467821	0.0	0.000
<input type="checkbox"/>				13	Shawn	Carter	Scarter_4831@email.ric.edu	4915483661	0.0	0.000
<input type="checkbox"/>				14	Kyle	Short	Kshort_0921@email.ric.edu	4011231455	0.0	0.000
<input type="checkbox"/>				15	Derek	Delsesto	Ddelsesto_7777@email.ric.edu	4016417777	0.0	0.000
<input type="checkbox"/>				16	Diego	Gomez	dgomez_7216@email.ric.edu	4015551234	30.0	0.000

Database: Professor

	Prof_ID	FName	LName	Email	Phone_Num
<input type="checkbox"/>	2	Robert	Ravenscroft		
<input type="checkbox"/>	3	Lisa	Humphreys		
<input type="checkbox"/>	4	Qian	Liu		
<input type="checkbox"/>	5	Namita	Sarawagi		
<input type="checkbox"/>	6	Raafat	Elfouly		
<input type="checkbox"/>	7	Suzanne	Mello-Stark		
<input type="checkbox"/>	8	Andrew	Cate		
<input type="checkbox"/>	9	Justin	Port		
<input type="checkbox"/>	10	Kathryn	Kalinak		
<input type="checkbox"/>	11	Chris	Teixeira	cteixeira@ric.edu	4015557890

- Database: Course

Course_ID	Course_Num	Subject	Course_Name	Room_Num	Prof_LName	Days	Time_Start	Time_End	Date_Start	Date_End	Credits
2	212	MATH	Calculus	Online		-	8:00	9:50	12/24/2021	5/3/2021	4
116	116	FILM	Intro to Film	Online	Cate	-	4:00	5:50	12/24/2021	5/3/2021	4
157	0	CSCI	Introduction to Algorithmic Thinking in Python	Online	Sarawagi	-	16:00	17:50	12/24/2021	5/3/2021	4
211	211	CSCI	Computer Programming and Design	Online	Liu	-	-	-	12/24/2021	5/3/2021	4
212	212	CSCI	Data Structures	Online	Sarawagi		12:00	13:50	12/24/2021	5/3/2021	4
213	213	MATH	Calculus II	Online	Teixeira	MoWe	10:00	11:50	12/24/2021	5/3/2022	3
219	219	FILM	Methods of Film Analysis	Online	Kalinak	Mo	10	11:50	12/24/2021	5/3/2021	3
309	309	CSCI	Object Oriented Design	Online	Sarawagi		2:00	3:50	12/24/2021	5/3/2021	4
312	312	CSCI	Computer Org & Arch I	Online	Ravenscroft		14:00	15:50	12/24/2021	5/3/2021	4
313	313	CSCI	Computer Org & Arch II	Online	Ravenscroft		10	12:30	12/24/2021	5/3/2021	4
325	325	CSCI	Organization of Programming Languages	Online	Port	-			12/24/2021	5/3/2021	3
351	351	FILM	Major Directors	Online	Kalinak	Mo	14:00	15:50	12/24/2021	5/3/2021	3
401	401	CSCI	Software Engineering	Online	Elfouly				12/24/2021	5/3/2021	3
402	402	CSCI	Introduction to Cyber Security	Online	Mello-Stark		10:00	11:50	12/24/2021	5/3/2021	4
423	423	CSCI	Analysis of Algorithms	Online	Liu				12/24/2021	5/3/2021	4
428	428	CSCI	Machine Learning	Online	Elfouly				12/24/2021	5/3/2021	4
435	435	CSCI	Operating Systems	Online	Elfouly				12/24/2021	5/3/2021	3

- Database: Schedule

	Cur_Course_ID	Student_ID	Course_ID	GPA	Term
e	7	3	2	NULL	Fall 2021
e	8	3	435	NULL	
e	9	6	435	NULL	