

Hemisphere 1.0

Group 5 Inc.

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<http://cs.neiu.edu/~cs401g5/>

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Introduction

To built Hemisphere, the team at Group 5 Inc. used HTML, CSS, JavaScript, SQL and PHP. We used XAMPP as our local server to manage the database. Graphics were resized and adjusted using Photoshop CS5. We used Bootstrap as a framework to properly position all the elements on the page. The coding was done using NetBeans8.02. This site is very efficient and easy to navigate, Nothing is more than two clicks away.

Hemisphere consists of a login, grading, and leads capture modules (with some modules still under construction.) The teacher and the student with proper credentials can access each module except for Leads Capture.

Login Module : Where students and instructors can log in into their accounts.

Grading Module : Students can view their grades and apply to appeal their grades.

Instructors can post and update grades, reply to appeals via email.

Leads Capture Module : Students and prospective students can find information related to their program. Instructors can add courses and view demographic information.

Login Page

Users that are already registered will be able to log in with their username and password. In the event of an incorrect username or password the system will alert the user with an alert box. New users will need to click on the [create an account](#) link to register.

Prospective students can use the [Guest Login](#) link to research various programs that the university has to offer.

Registration Page

New user will be required to fill out a registration form. In the event that a field is empty an error message will alert the user before proceeding. Registration instructions are provided on the same page.

- First Name – consist of letters only, if any other characters are displayed an error message will alert the user.
- Last Name - consist of letters only, if any other characters are displayed an error message will alert the user.
- E-mail – Incorrect email format will alert the user.
- User Name – has to be at least eight characters long.
- Password – has to be to at least eight characters long, upper and lower case, and a numerical character.

- Age – restriction are not provided for age.
- Gender – user must select a gender.

Upon pressing the 'Register' button an alert box will inform the user that they are registered and redirect them to the login page.

Teachers will need to call the toll free number provided on the website in order for the administration to grant them faculty privileges. Otherwise, we could have students registering as teacher and possibly able to change to change grades or other administrative activities.

Home Page

This is the first page that the user sees after logging in. It has several links to various web pages that the student or the teacher can access.

- NEIU main page
- Grades
- Leads Capture
- Attendance
- Financial Aid
- Registration
- Advising
- Library
- Email

Grades

Student:

Students will able to view the list of courses they are taking and the grades they are earning in the course. In the case they want to dispute their grade, a link is available to appeal the grade. The student can fill out a form to submit to the teacher describing the reason for the grade dispute.

Access will also be available to other pages of the website including but not limited to Leads Capture, Attendance, and Financial Aid.

Student will have access the their email and the university's library.

A navigation bar is provided on the left side of the page for students to access other modules of the website.

Teacher:

Teacher will be able to view and update the students' grades. The teacher will also be able to access his or her email in order to respond to students' appeals, or other course related question.

A navigation bar is provided on the left side of the page for teacher to access other modules of the website.

Leads Capture

Student:

This page is for current and prospective students. The main objective of this page is to view the various programs that the university has to offer. A link is provided for the student to request further information regarding the program of their choice. The page has a YouTube video describing the school to potential students. It also provides a Google map of the university.

Teacher:

This page will allow the teacher to add a new course to be taught at the university. They will be able to provide course id, course name, and a brief description of the course. The teacher will also be able to view students' demographic information such as gender, and number of students within a certain age range.

A navigation bar is provided on the left side of the page for the teacher to access other modules of the website.

Conclusion:

This website is to provide the students and faculty a way to make their progression easy at the university. With different sections of the university's website being easily accessible by the students and the teachers, everything is not more than two clicks away to reach their desired web page. The people at Group 5 Inc. are available for any consultation and to provide maintenance and updates to Hemisphere.