Wolverine Work: Final Presentation

By: Taylor Williams, Mnahil Syed, Emily Buzle & Kylie Callison

Introduction

Team Members

Taylor Williams

- Computer Science Major, 4th year
- Front-End, Backend + Database

Emily Buzle

- Computer Science Major, 4th year
- Front-End, Backend

Mnahil Syed

- Cybersecurity major, 4th year
- Front-End, Backend

Kylie Callison

- Cybersecurity major, 4th year
- Front-End, Backend + Database

Wolverine Work's Goal

Our Objective

Wolverine Work is a website where the University of Michigan students can showcase their student work for anyone to see, whether its other students, faculty, potential employers or just casual viewers.

Importance

Wolverine Work creates a central spot that allows for students to display their talents and gain recognition for their hard working skills. This also creates a space for the University to showcase the skills their students have to offer.

Database Schema Design

WOLVERINE WORK DATABASE SCHEMA
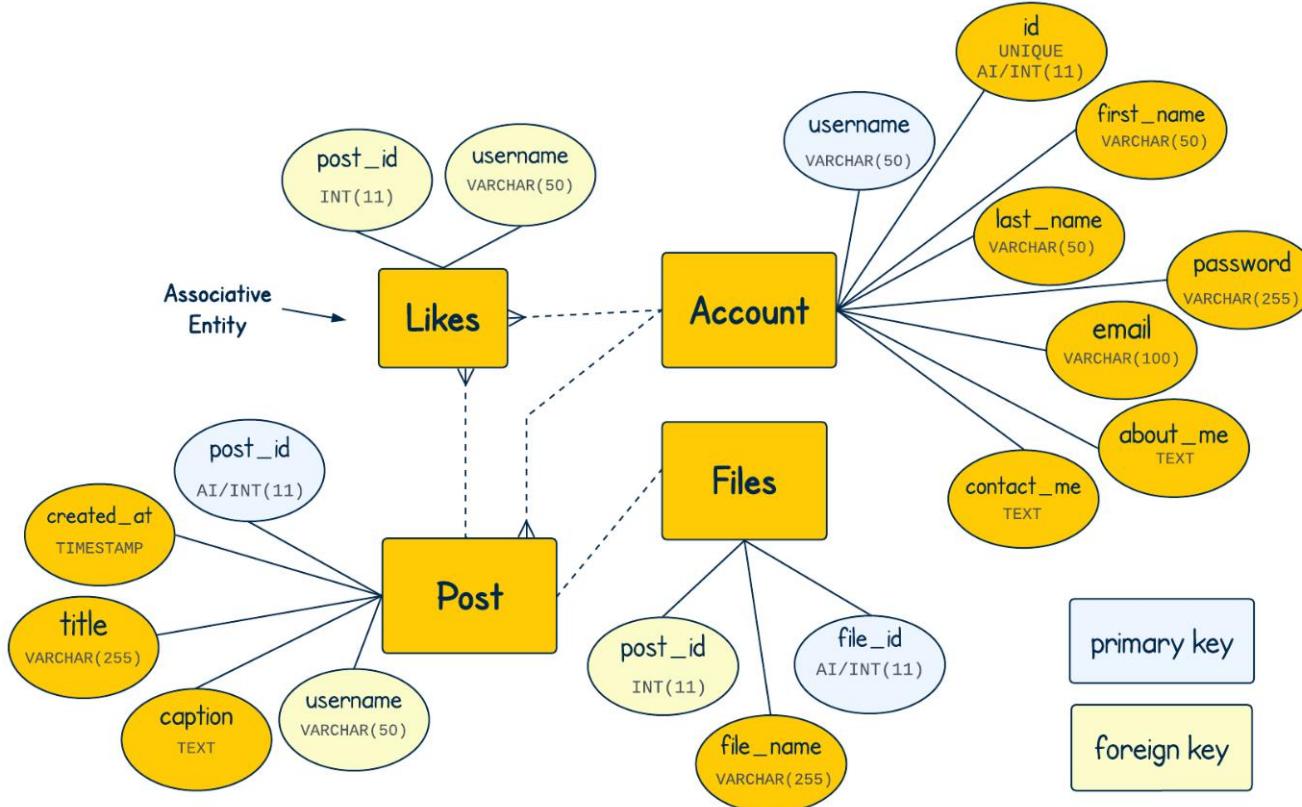
Interfaces & Implementation

Design Tools
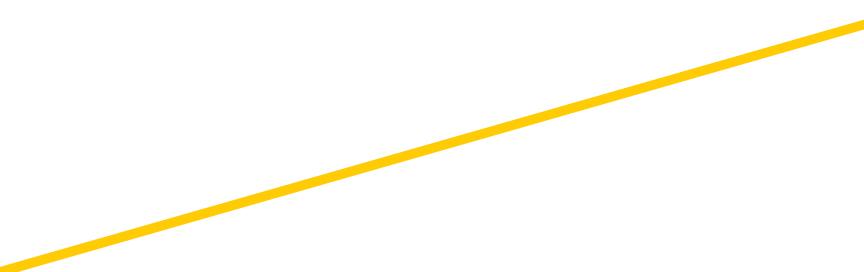
Languages

HTML

JavaScript

CSS

SQL

php

UI Tools

Figma

Google Drawings

Login and Register Pages

- University students will be able to log into the website, by entering their username and password.
- If not already registered, they can sign up by inputting a first name, last name, valid umich email,
- username, and password. This account information will be stored on the website's database.

- Users have the ability to easily navigate between the login page and register page as needed.
- If a user forgot their password, they can navigate to the forgot password page for assistance.

- Passwords are hashed and emails are validated via PHP, and stored in the database with SQL insertion.
- SQL statements are prepared to prevent SQL injections.

Welcome Back!

Login

Username

Password

☑ Remember Me?   Forgot Password?

Log In

Don't Have an Account? Sign Up Today!

wolverine work
YOUR WORK. YOUR VOICE. OUR PLATFORM.

Login Page

Sign Up Today!

Register

First Name

Last Name

Email Address

Username

Password

Create An Account

Already Have an Account? Sign In

wolverine work
YOUR WORK. YOUR VOICE. OUR PLATFORM.

Register Page

Create A Post Page

- Users that are logged in can submit posts they want to share to the website in either DOC or PDF format.
- Users will also need to input a Title and Caption as part of their submission.
- **Redirects to homepage after submission**
- **Side navigation bar and footer can also redirect user.**

- Submissions/Posts are processed with PHP and stored into the database with SQL insertion.
- Individual files are also stored in a separate table within the database and within a "uploads" folder.
- SQL statements are prepared.

Submit your written work here!

Title your work...

Add a caption...

Click to browse
.docx or .pdf
Max 10 MB

No file selected

Post

Create A Post Page

Home Page

- Home page displays all posts for all users to see, whether a user has an account or not.
- Users are given previews of student work. If they want to read more they can navigate to "click to see read the document" button which will redirect them to the full DOC or PDF file of the post.

- Users can see more posts by pushing the "See More" button.
- Footer is included at the bottom of page (Also on Create a Post and Profile pages).

- Users can also like posts, the like count will be displayed/updated with PHP and JavaScript. "Like" information will be stored in the database. If like count does not go up when a user likes a post, that means they already have liked the post, users can only like a post once.
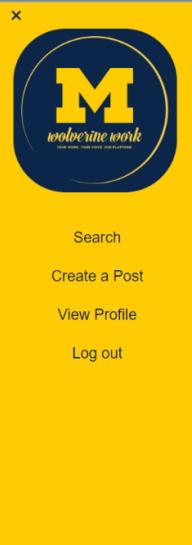
jsmith

Ethics Debate Slides - Digital Media

Digital Media is any communication media that operates in conjunction with various encoded machine-readable data formats. Anytime you use your computer, tablet, or cellphone, opening web-based systems and apps, you're consuming digital media.

Click here to read the document!

♥ 4

HollyH

Computation and Culture

Now more than ever, technology is being used to spread globalization. More people across the world are now receiving access to communication technology, such as the internet, and can reap its benefits.

Click here to read the document!

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Home Page

Click here to read the document!

♥ 2

See More

USEFUL LINKS

Home
About Us
University of Michigan
Contact Us

NEWSLETTER

Your Email Address

SUBSCRIBE NOW

CONTACT

4901 Evergreen Road
Dearborn, MI 48128, US

Footer

Profile Page

- Allows users to manage profile information, including a profile picture, about me section, and contact details.
- Displays a collection of posts related to the specific user who is logged in, including like and edit buttons/functionalities.

- The application connects to a database for storing user profiles, post data, and other relevant information.
- Like counter algorithm prevents users from liking a post more than once.
- Profile editing logic allows users to edit their "about me" and "contact me" sections with dynamic UI updates.
- Clicking post title allows users to download the post documents,

jsmith

About Me

About me, John Smith

Write something about yourself..

Save My Edits

Contact Me

Email me at jsmith@umich.edu

Add your contact information...

Save My Edits

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Solutions Across Disciplines

In today's day and age, there are numerous amounts of societal, economic, and social issues that have entire disciplines, or fields of study, working to solve them. The issue of poverty within society is one instance of a problem that stems from multiple factors such as lack of education, economic diversity, healthcare, government and so on.

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Suzy Case Study

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Wolverine Work Backend

Slides about Backend of Wolverine Work.

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Profile Page

Search

- User can search any term relating to the username, title or caption.
- Posts will appear like the homepage for simplicity and readability.
- The user is able to do all the different functionalities that the homepage provides as well like liking, viewing the whole essay, etc.

- The application connects to a database to retrieve the essays that relate to the username, title or caption typed into the search engine.

🔍 Search

HollyH

Computation and Culture

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Click here to read the document!

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Search

Thank you!
Any Questions?