CPSC 349: Front-End Web Engineering - Spring 2020

Project One, due 25 Mar 2020

Use client-side JavaScript, forms, PHP, and MySQL to build one of the applications listed below. As we don't have a back-end database to hit, we will have to build a database and use php to answer queries and return results back to the browser.

Teams typically divide up into different functionalities: user interface such as page layout using HTML, CSS, and frameworks like Bootstrap, JavaScript and JS frameworks such as jQuery and Bootstrap, PHP to hit post/retrieve data to the database, and a MySQL database to store the data.

In this project we are not using React and Firebase – that will be our next projectl

You may use any additional third-party Web Service APIs, libraries, or modules, provided that you acknowledge their contribution to your project, and comply with the terms of their licenses. For example, some licenses require your code to be open source if you are using open source code.

Projects Build a site where...

- Parents can share embarrassing baby pictures with their children's potential dates
- Local bands can solicit feedback on recent shows
- Politicians can exchange tips about avoiding their constituents
- Visitors can create their own "which character are you?" quizzes
- Pet owners can setup play dates for their pets
- People who take pictures of their food can argue about whose food looks tastier
- Users can create their own "business card" or "landing" pages similar to about.me or distilled.me
- Users can blackmail other users by uploading incriminating photos and a list of demands
- Users can swipe left or right on other people's reading material (think "Tinder for Books", or perhaps Intellectual or not).

Functionality Note that project descriptions are very brief and deliberately underspecified. This is your chance to be creative. Begin with a set of possible features, plan according to the available time, and build something interesting. Think of the project not as a complete product requiring years of work, but as a product that would convince your website users that they should tell others about your site, and would convince your boss to promote you!

Teams (max four members per team)
You may discuss your project and the technologies you are using with other teams, but each team must build its own application and submit its own work.

Working with members of your team

In general, each student in a group will receive the same grade. If you run into issues with your teammates, it is your responsibility to attempt to resolve them.

If you are unable to work with a member of your team (for example, if they disappear and fail to respond to attempts to contact them), bring the problem to my attention as soon as possible -- do not wait until the due date.

Presentations On presentation day, you will have 15 minutes to give a short demonstration of your application to the class. Include both functionality and implementation details. Your entire team must be present and available to answer questions, but individual team members may volunteer to deliver the presentation.

Grading Each of the following factors contributes up to 3 points to the final grade for the project, for a total of 30 points:

1) Quality of the presentation
2) Quality of documentation for installing and configuring the application
3) Quality of documentation for users trying out the application
4) Project functionality
5) Project scope
6) Code quality
7) Appropriate use of available technologies
8) Innovation
9) Web design
10) Teamwork

Submission

Upload the code and documentation for this project to a new public GitHub repository.

To complete your submission, **print the next two sheets, fill out the spaces on the first sheet,** and **submit both sheets** to the professor in class by presentation day. Failure to follow the instructions exactly will incur a 10% penalty on the grade for this assignment.

CPSC-349 Project One Submission, due 25 Mar 2020

Team Members

Brian Warfield ⬩

Michael Li ⬩

Brendon Linthurst ⬩

Gita Nikzad ⬩

⬩

Repository `https://github.com/` LiMichael1 / ThunderBoltz

Comments on your submission

Food Photos Website where you can share your meals, comment on other people's meal, follow your fellow foodies, and provide support by hitting the YUM button.

We used Laravel , the php framework, to jumpstart our project.

Used VueJs to create dynamic Like and Follow Buttons

Migration files to dynamically create tables on the database

Controller files to dynamically communicate with the database

Model files to establish the relationships inside the database

Routing file to redirect with REST API HTTP Methods

Built in Bootstrap and Regular CSS to present a glow in the dark layout to our website.

Fill out and print page and the next, and submit them on the day this project is due.

CPSC 349 Project Submission 1, due 25 Mar 2020
REVIEWED BY:

Your team's name:	ThunderBoltz

Your team members:	Brian Warfield
	Michael Li
	Brendon Linthurst
	Gita Nikzad

Repository *(print)***: https://github.com/**

LiMichael1 _____ **/** ThunderBoltz _____

Scoring

Factor	Score	Comments
Quality of the Presentation	1 2 3 4 5	
Quality of documentation for installing and configuring the application	1 2 3 4 5	
Quality of documentation for users trying out the application	1 2 3 4 5	
Project functionality	1 2 3 4 5	
Project scope	1 2 3 4 5	
Code quality	1 2 3 4 5	
Appropriate use of available technologies	1 2 3 4 5	
Innovation	1 2 3 4 5	
Web design	1 2 3 4 5	
Teamwork	1 2 3 4 5	
Total		

General comments:

Fill out and print this page, and submit it on the day this project is due.