Passion Project

Content Management Systems (CMS) are incredibly flexible, and foundational to most web applications. Your task is to plan and execute a CMS-based project which reflects your passion.

Project Plan Meeting (⅓)
- Your project idea is inspired by something that interests you.
- You have a database Entity Relationship Diagram (ERD) which describes your database architecture plan (3 tables)
- You have a wireframe which visually describes how a user can manage content in your system.

Minimum Viable Product (⅓)
- Feedback provided in the Plan Meeting is incorporated.
- Your application should have 3 tables (aka. Models, Entities) to represent your content.
- Your application should include both a 1-M (one to many) and M-M (many to many) relationship.
- Use of Entity Framework Code-First Migrations to represent the database.
- Use of Entity Framework Language Integrated Query (LINQ) to perform RESTful Create, Read, Update, and Delete operations through an API.
- Code is hosted on a github repository.
- Refer to Quantitative, Qualitative, and Semantic code Standards.

Presentation (⅓)
- Feedback provided on the MVP submission is incorporated.
- Use of Model, View, Controller (MVC) architecture pattern (or alternative) for a user to interact with your content per your wireframe.
- Github repository contains detailed .readme project summary.
- An extra feature is designed and incorporated to make your project stand out.
- Your system uses realistic data.
- Engage with your peers by asking at least one question about someone else's project.
- Refer to Quantitative, Qualitative, and Semantic code Standards

	Level 1 (0-25%)	Level 2 (25-50%)	Level 3 (50-75%)	Level 4 (75%-100%)
Project Plan Meeting	Does not participate in a project plan meeting with the instructor. Unable to start the MVP.	Not prepared for the meeting. Missing multiple required elements. Significant revisions required before starting the MVP.	Prepared for the meeting. Some revisions to the plan required. Almost ready to begin the MVP.	Extremely prepared for the meeting. Wireframes and ERD are concise and accurate. Ready to begin the MVP immediately.
Minimum Viable Product	Feedback from the project plan is not incorporated. MVP is not completed.	Feedback from the project plan is partially incorporated. Code does not meet professional standards. MVP is partially completed, significant revisions required before starting on extra features.	Feedback from the project plan is mostly incorporated. MVP is mostly completed. Code is close to professional standards. Almost ready to begin on extra features.	Feedback from the project plan is fully incorporated. MVP is completed and tested. Code meets professional standards. Ready to begin on extra features.
Presentation	Feedback from the MVP is not incorporated. Does not give a presentation.	Feedback from the MVP is partially incorporated. Code does not meet professional standards. Minimal attempt at an extra feature. Presentation is rushed and unprepared.	Feedback from the MVP is mostly incorporated. Code is close to professional standards. Strong attempt at an extra feature. Presentation gets the major points across.	Feedback from the MVP is fully incorporated. Code meets professional standards. Two extra features have been included. Presentation and demeanor is practiced and professional.

Code Evaluation Criteria

	Level 1 (0-25%)	Level 2 (25-50%)	Level 3 (50-75%)	Level 4 (75-100%)
Code Standards Quantitative	Code first migrations are not enabled. CRUD functions are not complete.	CRUD complete for one table. Major concerns with scalability, maintainability, extensibility, robustness, or efficiency.	CRUD complete for multiple tables. Some concerns with scalability, maintainability, extensibility, robustness, or efficiency.	CRUD complete for all tables. Can create, read, update, and delete relationships. No major concerns with scalability, maintainability, extensibility, robustness, or efficiency.
Code Standards Qualitative	Code and Project is not documented.	Code and project are documented, but there are significant readability concerns.	Code and project are documented. Readability could be improved.	Code and project are meticulously documented. Readability is a high priority to the project.
Code Standards Semantic	The work fails to meet the objectives set out in the project plan.	Significant revisions are required to align the work with the objectives set out in the project plan.	Minor to no revisions are needed to align the work with the objectives in the project plan.	Project meets and exceeds the goals set out in the original plan.