

# 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

- Your project idea is inspired by something that interests you.
- Your choice of features for your project are challenging but not overwhelming given the time.
- You have a wireframe which describes how the application will manage content in your system.
- You have a database Entity Relationship Diagram (ERD) which describes your database architecture plan.
- You have a brief storyboard example describing why someone would use your system, and how they would use it.

## Minimum Viable Product (10%)

- Feedback provided in the Plan Meeting is incorporated.
- Use of ASP.NET Model, View, Controller (MVC) architecture pattern.
- Your application should have a minimum of 2 tables (aka. Models, Entities) to represent your content. Maximum 3.
- Your application should include at least 1 relationship between your tables. This can be a 1-M (one to many) relationship, or a 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 Create, Read, Update, and Delete operations.
- Code is hosted on a github repository.
- Code quality meets professional Quantitative, Qualitative, and Semantic Standards.

## Presentation (15%)

- Feedback provided on the MVP submission is incorporated.
- 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.
- Demonstrate the CRUD functionality of your system as well as any extra features with realistic information.
- Describe some extra features that you might want to include in the future and how you would approach them.
- Project is visually polished and responsive to smaller screen sizes.
- Engage with your peers by asking at least one question about someone else's project.
- Code quality meets professional Quantitative, Qualitative, and Semantic Standards.

	Level 1 (0-25%)	Level 2 (25-50%)	Level 3 (50-75%)	Level 4 (75%-100%)
Project Plan Meeting (10%)	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 Storyboard are concise and accurate. Ready to begin the MVP immediately.
Minimum Viable Product (10%)	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 (15%)	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	CRUD is 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	Project does not use conventions described in class examples. Codebase is completely different from the original plan.	Project heavily deviates from conventions described in class examples. Codebase differs from the original plan.	Project slightly deviates from conventions described in class examples. Codebase resembles the initial plan.	Project closely follows conventions described in class examples. Codebase is a close reflection of the initial plan.