Week 10 Project Rubric

Criteria	1 – Below	2 – Approaching	3 - Meeting	4 - Exceeding
HTML / JSP	• Multiple body, html, head, or other unique tags exist • Elements are left unclosed	• p and br elements are used for spacing between content sections instead of using CSS padding and margins • div's are used to semantically enclose sections of content	• Content is contained within div's and is spaced and positioned using CSS • header, p, and other organizational tags are used appropriately	• Classes are used to identify content appropriately • Multiple classes are assigned to further disentangle CSS
CSS	• Inline styles are used • No CSS is present • ids are used more than once in an HTML document	• External CSS sheet is used, but very few modifications have been made to style the site • The same CSS is used repetitively due to poor attribute selection	• Class declarations are used throughout to apply common styles • CSS is normalized to prevent browser defaults causing problems	• CSS is well commented and DRY • Attention has clearly been paid to organizing CSS and making it as reusable as possible • Custom CSS is present
Spring MVC	• Model logic is performed in the Controller • Scriplets are used to move any amount of logic into the View (JSTL should be used here)	• Bloated Controller methods exist • Helper classes exist but are used incorrectly, or sparingly • JSTL is properly used in the View	• Controller logic is concise • Models contain most of the application logic and follow the single responsibility principle	• A DAO is implemented to interact with the Database • DAO is created with a bean and is autowired
JSTL	• JSTL is not present, embedded Java Scriplets are used instead	• JSTL is used exclusively to write Response Parameter values	• JSTL is used to iterate through arrays of data, write values dynamically to html	• JSTL is used for conditionals and to track iteration through loops

JPA	• The JPA framework is not properly configured. • JDBC was used	• Objects are mapped properly, but lack complex relationships	• Complex cascading relationships exist and are configured correctly	• Multiple ManyToMany relationships
Schema	• Database consists of one table to store all data	• Database consists of multiple tables, but lack complex relationships	• Schema contains at least one complex, cascading relationship	• Schema contains multiple complex, cascading relationships
Completion	• Application does not achieve desired functionality	• Functionality approaches MVP • Most of the feature sets are implemented • GET and POST routes function properly	• Application achieves MVP • All feature sets have been implemented and are in a working state	• Additional features and functionality were added to the project
Aesthetic	• No attempt was made to create an attractive, modern aesthetic	• N/A	• Site has a consistent and deliberate approach to web design	• N/A
Object Oriented Programming	• Code is largely procedural • Existing classes do not follow Object Oriented principles	• Classes exist which adhere to the Single Responsibility principle • Some procedural code exists, but is contained to bloated class methods	• Classes all adhere to Single Responsibility • Objects are instantiated and passed to other objects for modification/use • Procedural programming is absent	• Polymorphism is utilized to represent like objects
Presentation	• Presenters were talking to the screen not audience • No slides were used • Group went over allotted time	• Presentation organized and practiced • No slides were used	• Slides were used to showcase specific code snippets • Existing classes do not follow Object Oriented principles	• Presenters could speak without reading code or the slides

You will also receive a score from your teammates that will assess your individual effort given, ability to work in the group dynamic, and overall quality of contributions. Working in groups is a key skill that we expect everyone to graduate with. Your peers perception of your contributions is how you are judged within the workforce. This will be assessed on a 1-10 scale which will be added to your total score, as determined by the rubric above. If your group exceeds expectations in all categories and you receive full marks on your peer reviews, you may earn a maximum of 49 points.