Advanced web programming course project

For creating the front-end for the website, I used the pug view engine. I also used the materialize library to make the website’s design easy to customize. The functionality of the website is done using JavaScript and different JavaScript libraries. The authentication for logging in and out is done using the jsonwebtoken- and bcryptjs-libraries, where the jwt-token is generated when logging in and it eventually becomes invalid after a certain amount of time. The jwt-token is stored in the browser’s local storage in cookies and the local storage is checked for the token each time authentication is needed.

The website’s database is done through mongoose. The database has 3 different models for users, posts, and comments. I kept the comments as a separate model from the posts as the comments had quite a bit of data of its own and including the data in just the post would make it quite big. Each of the comments can be linked to its own post by storing the post’s unique ID.

Table of included features

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| --- | --- |
| Feature | Max points |
| Basic features (as stated in the previous chapter)  with well written documentation | 25 |
| Users can edit their own comments/posts | 4 |
| Vote (up or down) posts and comments (only one vote per user) | 3 |
| In total: | 32 |