

## PROJECT SPECIFICATION

### Readable

#### Application Setup

CRITERIA	MEETS SPECIFICATIONS
Is the application easy to install and start?	The application requires only <code>npm install</code> and <code>npm start</code> to install and launch.
Does the application include README with clear installation and launch instructions?	A README is included with the project. The README includes clear instructions for installing and launching the project.

#### State Management

CRITERIA	MEETS SPECIFICATIONS
Is application state managed by Redux?	<p>Most application state is managed by the Redux store. State-based props are mapped from the store rather than stored as component state.</p> <p>Form inputs and controlled components may have some state handled by the component.</p>
Does application state update correctly?	<p>Updates are triggered by dispatching action creators to reducers.</p> <p>Reducers and actions are written properly and correctly return updated state to the store.</p>

#### Application Functionality

CRITERIA	MEETS SPECIFICATIONS
Are posts listed correctly and have the desired functionality in a list view?	<p>Listed posts are displayed with the following:</p> <ol style="list-style-type: none"> <li>1) Title</li> <li>2) Author</li> <li>3) Number of comments</li> <li>4) Current score</li> <li>5) Voting mechanism to upvote or downvote the post</li> <li>6) Buttons or links for editing or deleting that post</li> </ol>

	<p>The comment count, edit/delete buttons or links, and upvote/downvote features are required on this page in order to enable the user to manage the posts without navigating away.</p> <p>The voting mechanism works and correctly displays the new vote score after clicking.</p> <p>List posts link to the detail page for that post.</p> <p>All posts are listed at the root.</p> <p>All posts for a category are listed at <code>/:category</code></p> <p>List pages (root or category) include a mechanism for sorting by date or by score (at a minimum), and the sort works properly.</p> <p>List pages include a button to add a new post.</p> <p>All available categories are visible in any list view.</p>
Does the post detail page have desired functionality?	<p>Post detail is available at <code>/:category/:post_id</code></p> <p>Post is displayed with the following:</p> <ol style="list-style-type: none"> <li>1) Title</li> <li>2) Body</li> <li>3) Author</li> <li>4) Number of comments</li> <li>5) Current score</li> <li>6) Voting mechanism to upvote or downvote the post</li> <li>7) Buttons or links for editing or deleting that post</li> </ol> <p>Listed comments are displayed with the following:</p> <ol style="list-style-type: none"> <li>1) Author</li> <li>2) Current score</li> <li>3) Voting mechanism to upvote or downvote the comment</li> <li>4) Buttons or links for editing or deleting that comment</li> </ol> <p>The voting mechanism works and correctly displays the new vote score after clicking for both the post and comments.</p> <p>All comments for a post are displayed below the post body.</p> <p>A mechanism for adding a new comment is visible on the detail page and functional.</p>
Can users add new posts?	<p>Application has a form for creating a new post. Submitting the form properly adds the post to the correct category.</p>

Can users add comments?	Application has a form for adding comments to a post. Submitting the form properly adds the comment to the correct post.
Can users edit posts/comments?	Edit buttons for posts/comments open a form with existing data pre-populated. Submitting the form correctly updates the data for the comment/post.
Can users delete posts/comments?	A mechanism for deleting posts and comments exists. Clicking the button/link correctly removes the post/comment from list view and makes post inaccessible at its URL. When a user goes to a deleted post's URL, a 404 page is displayed.
Is the application navigable?	User is able to navigate between categories, main page and post detail pages without typing address in the address bar.