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CMPE 131, Section 4

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Technical Specification Document

1. **Abstract**

Right now, there is no current online community for SJSU Computer Engineering Students. Our product “CMPEit,” aims to solve that problem. It is a forum-style website (very similar to reddit) built from the ground up where CMPE students can communicate as well as share resources amongst themselves. All content on the site is to be based around the Computer Engineering Major at SJSU and aims to bring the community of CMPE students together as well as promote collaboration and interaction between them.

1. **Functional requirements**
   * A new student shall be able to create an account.
   * A user shall be able to log into their unique account, and log out.
   * A user shall be able to make posts.
   * A user shall be able to comment on posts.
   * A user shall be able to reset their password.
   * An admin shall be able to remove any posts or comments.
   * A user shall be able to remove their own posts and comments.
   * A user shall be able to either like or dislike many posts.
2. **Nonfunctional requirements**
   * The application shall run on Google Chrome.
   * The application must respond to user input within 30 seconds.
   * The application shall be displayed in English.
   * The application shall be created using Javascript, HTML5, CSS3, Node.JS, Express, and MongoDB