PBAR

1. Identify and discuss the quality attributes most important to the system.
   1. Usability
      1. It is very important that this system be user friendly and its design be simple enough for anyone to use.
   2. Security
      1. It is important to keep all user information confidential.
   3. Scalability
      1. As the amount of system users grow, the system should still perform well.
   4. Performance
      1. Users expect a very responsive system that performs all functions effectively.
2. Discuss a diagram of the system’s architecture.
   1. The front end will consist of HTML, Bootstrap, and JavaScript. The backend will consist of Node.js and MongoDB for the database.
3. Identify architecture patterns used and match the system’s structure to the pattern’s structure.
   1. WebApp Design Pattern - page 364-5 ?????
      1. Information architecture patterns
         1. Database calls/queries
      2. Navigation patterns
      3. Interaction patterns
      4. Presentation patterns
         1. User Interface design patterns
            1. Forms and input - Completing registration forms
      5. Functional Patterns
4. Determine each patterns effect on the system’s quality attributes.
5. Identify and discuss all quality issues raised by architecture patterns used in the design.
   1. One quality issue could be designing an easy interface to interact with while still providing necessary security.
6. Develop a short summary of the issues uncovered.