**MERN App for Connecting to PLCs:**

| **Functional requirements:** | |
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| **PLC Connection and Control.**   * The application must allow users to control the operation of PLCs. * The application must provide real-time monitoring of PLCs, displaying the status and values of tags.   **Modularity & Scalability**   * The application must be modifiable to add different PLCs. * The application must be scalable to connect multiple PLCs to the same interface. | |
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| **Non-Functional requirements:** | |
| **Performance**   * The application must be responsive and have a fast load time, with a maximum response time of 2 seconds.   **Compatibility**   * The application must be functional and user-friendly when run on a PC. | |