Feasibility Study:

Technical Feasibility Analysis for MediConnection Telemedicine Website:

Users' and analysts' familiarity with the business area:

The business area is telemedicine, which focuses on providing healthcare services through online platforms. The team's members are assumed to have a good understanding of the telemedicine landscape and its requirements. Also, the team members have good information in developing a web app but they are not experts in it.

Familiarity with technology:

The technical tools being used in this project include:

1. React for client-side development
2. Express.js and Node.js for server-side development
3. MongoDB Atlas Cloud for database management
4. Bootstrap for CSS framework

The team has a basic understanding of the tools, and some of them have a clearer understanding of MongoDB.

Project Size:

Given the complexity of the website and its various features, it is reasonable to have a dedicated team of 4 members working for 3 months.

Compatibility with existing systems:

As the website is built using widely-adopted technologies and frameworks, it is expected that the implementation would be compatible with most modern browsers and devices. The website is also mobile-responsive, ensuring a seamless user experience across different screen sizes.

Infrastructure requirements:

The project relies on MongoDB Atlas Cloud for database management. This cloud-based service reduces the need for extensive infrastructure, making the project more feasible from a technical standpoint.

Scalability and maintainability:

The chosen technologies and frameworks are known for their scalability and ease of maintenance, which is important for a growing telemedicine platform. However, the long-term scalability and maintainability would depend on the quality of the codebase and the team's adherence to best practices.

Conclusion:

The technical feasibility of the MediConnect Telemedicine Website appears to be moderately high, given the choice of well-established technologies, frameworks, and cloud-based services. However, the team's expertise in these technologies is modest, which could pose a risk. To mitigate this risk, it is recommended to ensure that the team has the necessary skills and experience to effectively work with the chosen tools and the specific requirements of a telemedicine platform.