IT Team Roles and Responsibilities for SRM System Development:

CodeCraft

George Bakay - Back-end Developer:

Role:

1. Design, develop, and maintain the back-end infrastructure of the SRM (Supplier Relationship Management) system.

2. Collaborate with the front-end developer to ensure seamless integration between the front-end and back-end components.

3. Implement security measures to protect sensitive data within the system, including encryption, access controls, and authentication protocols.

4. Optimize system performance by identifying and resolving bottlenecks in the back-end processes.

5. Conduct thorough testing and debugging of back-end functionalities to ensure reliability and stability.

6. Stay updated with industry trends and best practices in back-end development to continuously improve the system architecture.

7. Document the back-end codebase, including APIs, databases, and server configurations, for future reference and maintenance.

Responsibilities:

1. Develop server-side logic and APIs using programming languages such as Python, Java, or Node.js.

2. Integrate third-party services, databases, and APIs into the SRM system as needed.

3. Work closely with the front-end developer and project managers to understand requirements and prioritize tasks.

4. Participate in code reviews and provide constructive feedback to maintain code quality and consistency.

5. Troubleshoot and resolve technical issues reported by users or identified through monitoring tools.

6. Collaborate with the IT team to implement continuous integration and deployment pipelines for efficient development workflows.

Andriy Yatsik - Front-end Developer:

Role:

1. Design and develop the user interface (UI) and user experience (UX) components of the SRM system.

2. Create responsive and intuitive front-end designs that enhance user productivity and satisfaction.

3. Collaborate with the back-end developer to integrate front-end interfaces with back-end functionalities seamlessly.

4. Ensure cross-browser compatibility and optimal performance across various devices and screen sizes.

5. Implement accessibility standards and guidelines to ensure inclusivity for all users.

6. Utilize modern front-end frameworks and libraries (such as React.js, Angular, or Vue.js) to build dynamic and interactive interfaces.

7. Conduct usability testing and gather feedback from stakeholders to iterate and improve the UI/UX design iteratively.

Responsibilities:

1. Translate design mockups and wireframes into well-structured and maintainable front-end code.

2. Optimize front-end code for performance, including minimizing page load times and optimizing rendering processes.

3. Implement client-side validation and error handling to enhance data integrity and user experience.

4. Collaborate with the design team to maintain visual consistency and brand identity across all user interfaces.

5. Stay updated with emerging trends and technologies in front-end development to enhance the SRM system's UI/UX.

6. Provide technical assistance and support to other team members, including troubleshooting front-end issues and offering guidance on best practices.

7. Document front-end codebase and UI components for future reference and scalability.

By clearly defining roles and responsibilities for each team member, George Bakay and Andriy Yatsik can work effectively together to develop a robust SRM system that meets the needs of users and stakeholders.