**Project Design Phase Solution Architecture**

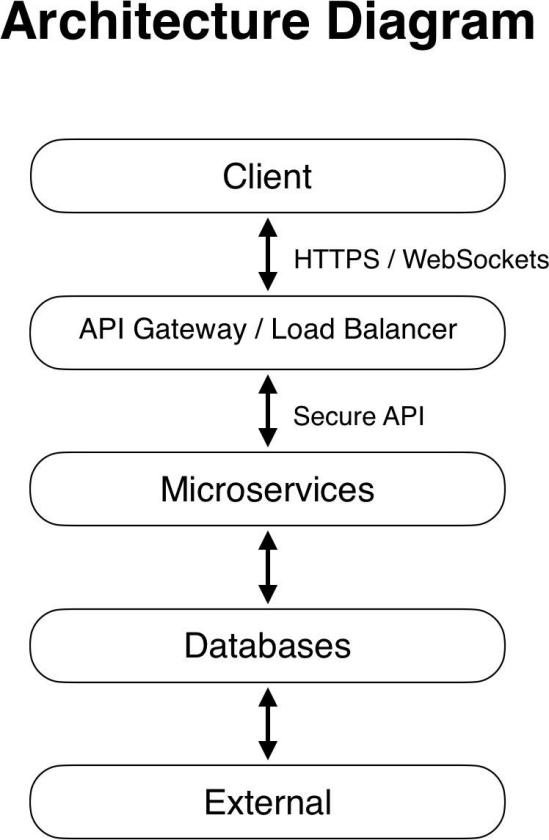
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| --- | --- |
| Date | 26 -06-2025 |
| Team ID | SWUID20250172439 |
| Project Name | Social Media App |
| Maximum Marks | 4 Marks |

**Solution Architecture:**

The solution architecture for **SocialeX** ensures a dynamic, engaging, and scalable social media platform that allows users to share posts, connect with others, and chat in real-time. The architecture emphasizes responsive design, modular backend services, real-time interactions, and secure user management to deliver a seamless social networking experience.

* Real-time messaging and notification system
* Interactive post creation, liking, and commenting features
* Scalable user authentication and profile management
* Efficient media upload and storage via Firebase
* Secure and responsive user interactions through token-based access

**Example - Solution Architecture Diagram:**

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