Discuss which API can be used where in a SoMe Application

Justification for RESTful API Use in SoMe Applications
REST is a dependable alternative for creating scalable, maintainable backend services that can manage the standard CRUD activities needed by social media platforms because of its ease of use and broad adoption.

Reasoning Standardized and Stateless: REST APIs use a stateless protocol, which implies that every request made by a client to the server is separate and unaffected by earlier exchanges. For SoMe apps, this is advantageous since it makes it simple to scale and manage large request volumes without requiring a lot of server memory for every user session.

Simple and Uniform Structure: Every REST endpoint is associated with a resource, which is usually retrieved using simple HTTP methods (e.g., GET for resource retrieval, POST for creation, PUT for updating, and DELETE for removal). Developers find it easy to work with because of its consistency, which guarantees that various application components (such as posts, user profiles, and comments) may be handled predictably.

Scalability and Caching: Traffic spikes are common for social media services. Saving responses for frequently requested resource caching, which is supported by REST APIs, lessens the strain on the server.

Broad Compatibility and Support: REST APIs are compatible with a wide range of platforms and programming languages. This guarantees that a SoMe application may expand and accommodate a broad spectrum of users and devices by making integration with frontend frameworks, mobile applications, and third-party services simple.

Flexible Data forms: Although JSON is commonly used by REST APIs, they are not restricted to it, enabling a variety of answer forms. This is helpful in SoMe applications because various client types may need distinct response formats.).