

Project Design Phase-II

API Framework

Team Id	NM2023TMID06156
Project Name	Creating a blog using Wordpress Platform

When building an email newsletter system, using an API framework can help streamline the integration of various components and external services. Here are some key points to consider when selecting or designing an API framework for your email newsletter system.

1.RESTful API:

- Choose a framework that supports a RESTful API design, making it easy to interact with HTTP-based endpoints for various functionalities.

2.Authentication and Authorization:

- Ensure the API framework provides robust security mechanisms for authenticating users and authorizing access to resources.

3.Integration Capabilities:

- Look for an API framework that allows seamless integration with third-party services, such as email delivery providers, analytics tools, and customer relationship management (CRM) systems.

4.Extensibility:

- The framework should support the addition of custom endpoints and functionalities as your system evolves.

5. Rate Limiting:

- Implement rate limiting to control the number of API requests and prevent abuse.

6. Versioning:

- Plan for versioning to maintain backward compatibility as your API evolves and avoid breaking existing integrations.

7. Webhooks:

- Include support for webhooks to enable real-time event notifications, such as email opens and click-throughs.

8. Error Handling:

- Ensure that the API framework provides clear and informative error messages to assist developers in troubleshooting issues.