Requirements Gathering

1. Stakeholder Analysis

- **Primary Stakeholders:** Users who will manage and track tasks using the system.
- **Secondary Stakeholders:** Developers, project team, and potential investors.
- **Key Needs:** Efficient task creation, categorization, due dates, and filtering options.

2. User Stories & Use Cases

ID	User Story	Priority
1	As a user, I want to create tasks so that I can keep track of my work.	High
2	As a user, I want to edit tasks so that I can update my progress.	High
3	As a user, I want to delete tasks so that I can remove completed or irrelevant tasks.	Medium
4	As a user, I want to categorize tasks by priority so that I can manage urgent tasks first.	High
5	As a user, I want to filter tasks by status so that I can focus on active work.	Medium

3. Functional Requirements

- Task creation, updating, and deletion functionality.
- Task categorization based on priority and status.
- Search and filter options for efficient task management.
- Authentication system (Email/Google login).
- Responsive UI for accessibility on different devices.

4. Non-functional Requirements

- **Performance:** System should handle at least 1000 tasks without lag.
- **Security:** User authentication and secure API communication.
- **Usability:** Intuitive UI for easy task management.
- **Reliability:** 99% uptime guarantee to ensure availability.
- **Scalability:** Ability to support increasing users and tasks over time.