Stakeholder Analysis

1. Identify Stakeholders

The first step is to identify all the stakeholders who have an interest in or will be affected by the project. For a social media web application, the key stakeholders include:

1. **End Users**: The primary users of the application (e.g., regular users, influencers, content creators).
2. **Admins**: The team responsible for managing the application (e.g., content moderators, support team).
3. **Developers**: The team building the application (you and your team).
4. **Sponsors**: The organization or entity supporting the project (e.g., DEPI).
5. **Third Parties**: External service providers (e.g., Vercel for deployment, PostgreSQL for the database).

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2. Understand Stakeholder Needs

Next, we need to understand the needs and expectations of each stakeholder group.

Stakeholder Group	Needs & Expectations	Priority
End Users	- Easy-to-use interface. - Ability to share content (text, images, videos). - Social interactions (likes, comments, shares). - Privacy and security.	High
Admins	- Tools to manage reported content. - User activity statistics. - Ability to manage user accounts (ban, warn, etc.).	High
Developers	- Maintainable and scalable code. - Clear documentation for code and APIs. - Efficient development process.	Medium
Sponsors	- Successful project delivery within scope and timeline. - Scalable and secure application. - Positive user feedback and adoption.	High

| **Third Parties** | - Integration with their services (e.g., Vercel, PostgreSQL).
- Clear API documentation for seamless integration. | Medium |

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3. Prioritize Stakeholders

Not all stakeholders have the same level of influence or interest in the project. We can categorize them based on their impact and involvement:

1. **Primary Stakeholders**: These are the most critical stakeholders who have a direct impact on the project and are directly affected by its outcomes.
   - **End Users**: They are the primary audience, and their satisfaction is crucial for the success of the application.
   - **Admins**: They manage the platform and ensure its smooth operation.
   - **Sponsors**: They provide the resources and support needed for the project.

2. **Secondary Stakeholders**: These stakeholders have an indirect impact on the project.
   - **Developers**: While important, their needs are more technical and internal.
   - **Third Parties**: They provide external services but are not directly involved in the day-to-day operations.

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4. Document Stakeholder Needs

After identifying and prioritizing stakeholders, document their needs in a clear and structured format. This will serve as a reference throughout the project.

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5. Validate Stakeholder Needs

Once the stakeholder needs are documented, it's important to validate them with the stakeholders themselves. This can be done through:

- **Questionnaires**: Surveys sent to stakeholders to gather their input.

Example of Stakeholder Analysis for a Social Media Web Application

1. End Users
- **Needs**:
    - A user-friendly interface that is easy to navigate.
    - Ability to share different types of content (text, images, videos).
    - Features for social interaction (likes, comments, shares).
    - Privacy settings to control who can see their content.
    - Security features to protect their accounts.
- **Priority**: High

2. Admins
- **Needs**:
    - Tools to review and manage reported content.
    - Access to user activity statistics and reports.
    - Ability to manage user accounts (e.g., ban users, issue warnings).
    - A dashboard to monitor the overall health of the platform.
- **Priority**: High

3. Developers
- **Needs**:
    - A well-structured and maintainable codebase.
    - Clear documentation for APIs and code.
    - Efficient development and deployment processes.
    - Tools for testing and debugging.
- **Priority**: Medium

4. Sponsors
- **Needs**:
    - Successful delivery of the project within the agreed timeline and scope.
    - A scalable and secure application that can handle growth.
    - Positive user feedback and high user adoption rates.
    - Regular updates on project progress.
- **Priority**: High

5. Third Parties
- **Needs**:
    - Clear API documentation for integration with their services.
    - Reliable communication channels for support and troubleshooting.

- - Compliance with their technical requirements (e.g., Vercel deployment guidelines).
- **Priority**: Medium