Elicitation Techniques

1.Stakeholders and Users:

***Elicitation Techniques Used:

- **Identified Stakeholders :** Identified the primary and secondary stakeholders by studying the project scope (e.g., Admin, Developer, Project Manager).

- **Questionnaires/Surveys :** Collected feedback from potential users (developers, admins, reviewers) through structured questionnaires to understand their expectations from an automated pull request reviewer.

- **Use Cases and Scenarios :** Developed example scenarios of pull request submission, review, and reporting to clearly understand who interacts with the system and how.

2. Functional Requirements :

***Elicitation Techniques Used:

- **Stakeholder Analysis :** Identified the primary and secondary stakeholders by studying the project scope (e.g., Admin, Developer, Project Manager).

- **Questionnaires/Surveys :** Asked developers and admins through structured questionnaires what actions they expect the system to perform (e.g., submit PR, configure rules, get instant feedback).

- **Task Observation:** Observed existing manual PR review workflows to identify pain points like delayed feedback or inconsistent reviews.

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- **Use Cases and Scenarios :** Defined step-by-step workflows (e.g., submit PR → analyze → comment → merge) to capture all necessary system behaviors clearly.

3. Non-Functional Requirements :

*****Elicitation Techniques Used:**

- **Brainstorming :** Gather ideas about important qualities the system should have (performance, security, usability).
- **Questionnaires/Surveys :** Asked stakeholders about system expectations (e.g., fast response, reliability, easy-to-use interface).
- **Background Reading:** Studied best practices for automated code review systems, CI/CD integration, and security measures to understand typical non-functional constraints.

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