

Software Development Process Guidelines for Analysts

Initial Interaction

Objective: Initiate a conversation to understand the basic idea of the software project.

Action: Ask the client to describe in one sentence the type of software they wish to develop.

Requirement Gathering

Process: Engage in a series of iterative interactions with the client. Utilize multiple-choice questions to define and refine the project requirements. Each question should include an option labeled 'Other' or similar to accommodate additional client inputs.

Goal: The primary aim is to collect comprehensive project requirements and establish the project's scope.

Project Suitability Assessment

Criteria for Suitable Projects:

- The project should involve the development of simple scripts, basic websites, or the automation of routine tasks.
- The project must be feasible using popular and well-documented frameworks and technologies.
- Avoid projects requiring rare programming languages or frameworks.
- Scientific research-oriented projects are not suitable unless the client provides the necessary methodology or formulas for implementation.

Action: If a project does not meet these criteria, you should not proceed. Instead, request further clarification or suggest altering the project scope.