

1.B.4-Requirements Elicitation activities (discuss with natural language)

? Identifying actors

(type of actor that use system in all cases-normal and abnormal-)

? Identifying scenarios

(different scenario with different actor ?is specific scenario with specific

Actor-)

? Identifying use cases *(define use case and its actor)*

? Identifying relationship among actors and use cases *(relation use case and its actor)*

? Identifying initial analysis objects *(object that need in this use case)*

? Identifying non-functional requirements *(type of used in cases object's)*

1.B.4.0-Identifying actors

Questions to ask

Which user group is supported by the system to perform their work? ? *Customer of system. (Owner of car)*

Which user groups execute the system's main functions? - *Who execute function (Driver of car)*

Which user groups perform secondary functions (e.g. maintenance and administration)?

(Mechanical man) (Service station - in fuel system)

With what external hardware or software systems the system will interact? -*Type of external environment that effect in system design.*

1.B.4.1-Types of Scenarios

A concrete, focused, informal description of a single feature of the system used by a *single actor*.

Usually uses during the software lifecycle:

Requirements Elicitation: As-is scenario (*Current*) used in re-engineering

, visionary scenario (*in future*) used in Greenfield engineering, reengineering

Client Acceptance Test: Evaluation scenario. (*System that will produce*)

System Deployment: Training scenario. (*Simulate action to train it*)

How to find the scenarios?

Ask client discussion question don't ask (yes, no) question?

Ask yourself or the client the following questions:

? What are the primary tasks that the system needs to perform? -
System function

? What data will the actor create, store, change, remove or add in the system?

? What external changes does the system need to know about? -
By which actor

? What changes or events will the actor of the system need to be informed about?

However, don't rely on *questionnaires* alone.

Insist on *task observation*

if the system already exists (interface engineering or reengineering)

???? ???? ?????: ??? ?? ????? ????? ??? ?????????? ????? ??????? ?? ????? ?
????? ?????? - ??? (??? ?? ????????? ? ?????????? ?? ??????? 11).

? Ask to speak to the end user, not just to the software contractor

? Expect resistance and try to overcome it.