

Ex No: 1 PROBLEM STATEMENT

AIM: To prepare a PROBLEM STATEMENT for any project.

REQUIREMENTS:

- Hardware Interfaces
- Pentium(R) 4 CPU 2.26 GHz, 128 MBRAM
- Screen resolution of at least 800 x 600 required for proper and complete viewing of screens. Higher resolution would not be a problem.
- CD ROM Driver
- Software Interfaces
- Any Windows-based operating system
- WordPad or Microsoft Word

THEORY:

The problem statement is the initial starting point for a project. It is basically a one-to-three-page statement that everyone on the project agrees with that describes what will be done at a high level. The problem statement is intended for a broad audience and should be written in non- technical terms. It helps the non-technical and technical personnel communicate by providing a description of a problem. It doesn't describe the solution to the problem.

The input to requirement engineering is the problem statement prepared by customer. It may give an overview of the existing system along with broad expectations from the new system.

The first phase of requirements engineering begins with requirements elicitation i.e. gathering of information about requirements. Here, requirements are identified with the help of customer and existing system processes. So, from here begins the preparation of problem statement.

So, basically a problem statement describes **what** needs to be done without describing **how**.

Conclusion: The problem statement was written successfully by following the steps described above.