A systems analyst is an information technology (IT) professional who specializes in analyzing, designing and implementing information systems. They write requirements for new systems and may also help implement them and monitor their effectiveness.

Systems analysts assess the suitability of information systems in terms of their intended outcomes and liaise with end users, software vendors and programmers in order to achieve these outcomes.

ROLE OF SYSTEM ANALYST

1. Define requirements

The primary role for system analyst is to help system users and other business managers by defining their requirement for new and enhanced information services.

2. Analyzing the problem:

After gathering data or facts the analyst analyses the working of current system and find out to what extent it meet the user's needs.

3. Supporting expert

System analyst plays the role of supporting expert within a business for which they are regularly employed in some systems capacity. In this role the analyst draws on professional expertise concerning computer hardware and software and their uses in the business. As the supporting expert, they are not managing the project; they are merely serving as a resource for those who are.

4. Architect

System analyst designs an information system architecture according to the user's requirements which acts as a blueprint for the programmers. For that, they need to know exactly what users want and also have to build good relationships with them to understand their requirements as well as convey correct and complete information to the development team.

5. Problem solver

The analyst must provide alternate solutions to the management and should do study of the system to avoid future problems. The analyst must provide with flexible alternatives to the management which help the manger to pick the system which provide the best solution.

6. Setting priority amongst requirements

In the organization there are many types of users, each user has different types of information needs. It may not e possible to satisfy the requirements of everyone due to limited availability of resources so it is necessary to give priority. The priorities are set on the basis of urgency and importance of user's need.

7. Change agent- The analyst may be viewed as an agent of change. In the role of change agent, the analyst may select various styles to introduce change to the user organization, as per requirement.

8. Motivator-a system must be well design and acceptable to the user. System acceptance is achieved through user participation in its development, effective user training and proper motivation to use the system. The analyst's role as motivator becomes important in first few weeks after implementation.

9. Evaluator- system after its development is thoroughly tested to test the performance of the system with specifications after it has been in use for a reasonable period of time.

10. Sales person- system analyst plays the role of system analyst as they sell the system to the users. To play the role of sales person, system analysts have to hold good communication, sales and persuasion skills.