

Feasibility Analysis

Example-1

“MKC” is a leader in the sales of chocolates and confections throughout the Bangladesh. MKC’s products are sold from 50 stores throughout the country and maintain a reputation for superior taste and quality. While MKC’s sales have grown over the past 10 years, the rate of growth has slowed significantly. One key factor for this slowing growth rate is the shift in the marketplace to purchasing chocolates and confections online. While MKC maintains a web site, it is not capable of hosting an ecommerce platform for online sales. MKC’s sales occur only in its brick and mortar facilities and the company is losing potential customers to competitors who provide online sales. The chocolate and confections marketplace is healthy and shows a continued growth trajectory over the next five to ten years. MKC’s is in a position to capitalize on this online marketplace by leveraging existing technologies, industry best practices, and an aggressive marketing and sales campaign to ramp up the company’s growth projections for the foreseeable future.

MKC is considering a move to create and provide an online platform from which to sell its existing product line. Until now MKC has only sold its products from its chain of brick and mortar facilities and has been limited to sales within the geographical regions where its stores reside.

Consider that you are the System Analyst of that project and now give the answers given below:

- a) What are the deficiencies in above scenario?
- b) What would be your main goals and sub goals to eliminate those deficiencies?

Example-2

Kamalapur Railway Station” is one of the busiest railway stations that includes a number of ticket counters, platforms, and other staff working there. Railway management is facing some problems such as providing sufficient amount of onsite tickets to the passengers. On the other hand, onsite customers need to wait for a long time to purchase their tickets. However, the payment system of the railway station is another suffer for the patient since the server is down most of the time.

Now management feels that an information system is very necessary to optimize the operation of the railway management. Consider that you are the System Analyst of that project and now give the answers given below:

- a) What are the deficiencies in above scenario?
- b) What would be your main goals and sub goals to eliminate those deficiencies?

Example-3

Daffodil International University administrator calls a system analyst to improve the system administration of sponsored research projects. The main problems are delay in obtaining latest financial position to project coordinators, reconciliation of advance given to coordinators, prompt demands not sent to sponsors to collect promised grants and lack of information to answer the following questions:

Which areas of research get maximum grants?

Which agency aids which types of projects?

What trends can be seen in the nature of grants?

Now, classify the above problems into missing functions, unsatisfactory performance, and excessive cost of operation.

How would you set goals and sub-goals to meet the deficiencies?

Example-4

Dream House is a builders company, they are offering house building and property improvement services to the public. The manager of the company employs a number of skilled workers such as bricklayers, carpenters and plumbers. The manager manages the building projects himself, and may occasionally help with the construction work. The Dream House builders wants to computerize the management of building work. This includes processing of estimates, job scheduling, and payments system. Presently, they are working their task manually and they are facing problems to do the task manually.

Now management feels that a developer's system management is very necessary to optimize the operation of the building and property management. Consider that you are the System Analyst of that project and now give the answers given below:

a. What are the deficiencies in above scenario?

b. What would be your main goals and sub goals to eliminate those deficiencies?