ch 2 Extra reading

definition

The term refers to the reasons, or justifications, for a proposal.

======>business case

is an agrument, usually documented, intended to convince a decision maker to approve some action.

=====>business case

   The process of identifying long-term organizational goals, strategies, and resources.

=====>Strategic planning

   focus on long-term challenges and goals, the importance of a firm's stakeholders, and acommitment to the firm's role as a corporate citizen.

====>Mission statements

must reflect the firm's vision, purpose, and values.

====>Mission statements

high-priority objectvie

====>critical success factor

systems requests are evaluated by a systems review committee or a computer resource committee

====>Evaluation of system requirements

operational, economic, technical, schedule, and human

====> feasibility factors

day to day, can organization maintain and sustain a new system, operate

====>operational feasibility

does it meet the requirements to meet the users guidelines

====>Technical feasibility

projected benefits of a proposed system out-weigh Total cost of ownership

====>economic Factors

how long will it take to implement

====>Scheduling feasibility

does it meet user satisfaction and needs

=====>Human Factors?

projects where management has a choice in implementing them

====>discretionary projects

management has no choice in implementing a project

====>non-discretionary projects

Preliminary Investigation Overview?

1. understand the problem or opportunity (fishbone)

2. define the project scope and constraints

3. perform fact-finding (conduct interviews, gather data about project usability, costs, benefit and schedules)

4. study usability, cost, benefit, and schedule data (analyze information)

5. evaluate feasibility (operational, tehnical, economic, schedule, human)

6. present recommendations to management (prepare a report)

Expense that have a specific dollar value. Examples include employee salaries and hardware purchases.

=====>tangible cost

Item that is difficult to measure in dollar terms, such as employee dissatisfaction/morale

=====>intangible cost

the highest priority projects are ones that:

====>provide the greatest benefit, at the lowest cost, in the shortest period of time

the end product of the preliminary investigation is

====>a report to management.

internal factors that affect systems projects:

- strategic plan

- top managers

- user requests

- IT dept

- existing systems and data

- company finances

external factors that affect systems projects:

- Technology

- Suppliers

- Customers

- Competitors

- Economy

- Government

===

XY chart for

=====>(analysis data)

fishbone chart for

======>(understant and define opportunity)

can we do it in time ?

a) operational feasibility

b) economic feasibility

c) technical feasibility

d) schedule feasibility

======>d

will it be easy to learn and use?

a) operational feasibility

b) economic feasibility

c) technical feasibility

d) schedule feasibility

======>a

Do we have tech resource?

a) operational feasibility

b) economic feasibility

c) technical feasibility

d) schedule feasibility

======>c

will benefits exceed costs?

a) operational feasibility

b) economic feasibility

c) technical feasibility

d) schedule feasibility

======>b

Projects where management has a choice in implementing them [Discretionary-NonDiscretionary]

=====>Discretionary

Creating a new report for a user [Discretionary-NonDiscretionary]

=====>Discretionary

Adding a report required by federal law [Discretionary-NonDiscretionary]

=====>NonDiscretionary

Annual updates to payroll, Tax percentages, Quarterly changes[Discretionary-NonDiscretionary]

=====>NonDiscretionary

A new scheduling system   [tangible -intangible]

=====>tangible

A user-friendly system [tangible -intangible]

=====>intangible

An online package tracking system[tangible -intangible]

=====>tangible

A sales tracking system [tangible -intangible]

=====>intangible

A sophisticated inventory control system [tangible -intangible]

=====>tangible

A new Web site that [tangible -intangible]

=====>intangible

enhances the company's image[tangible -intangible]

=====>intangible

Systems development typically starts with a _____.

a. feasibility study

b. systems request

  c. preliminary investigation

d. financial snapshot

=====>b

_____ limitations result when a system that was designed for a specific hardware configuration becomes obsolete when new hardware is introduced.

  a. Accessibility

b. Relationship

c. Feasibility

d. Performance

feasibility study is interaction between manager and user [true- false]

preliminary investigation is focus only on the problem [true- false]

the important of fact finding in four area :

-problem or opportunity

-cost

-benefit

-problem scope and constraints

there are four main steps in preliminary investigation [true- false]

main reason for system request is

evaluate system request :

streamlines the request process

easy to understand

esure consistency

include clear instruction

indicate supporting douments are needed

submitted electronically

on system review committee, a commitee establish more effectively than individuals[true- false]

one person's bias is more likely to affect the decisions.[true- false]

on system review committee members favor projects requested by another department.[true- false]

=====>false by their own department