Structured Development

1. Model – we want to represent reality in a graph or a chart

SSD – based on waterfall,linear approach model, biurocratic, high level of complexity, suits coplex projects where we sue a step by step model.

ISD – Information System Development, structured approach in general?

3 types of models:

3.levels Hihest, lowets middle 🡪 they vary with the level of complexity

conceptual –concepts and relaitionships between them, no additional data

logical – some dtata provided, more information about concepts and enitites

physical – all information provided

SA(Structured Analisis) – getting detailed information about systems and data, British way of doing

Feasibility study – evaluate the risk, is the the project worth implementing or is it not?

Questions:

1. What is the ‘Information System’ at the centre of the Borchester case study? Identify all the components of this Information System

2.

What would you say are the activities involved in Information Systems Development?

-Plan, implement, analyse,design(systems development life cycle)

1. Given your answers to previous questions: what features would you expect to find in an Information Systems Development Methodology?

-Plan, implement, analyse, design(systems development life cycle)

1. What are the key features of a ‘structured’ approach to Information Systems

lots of planning and analysis, step by step approach, large timescale and very detailed execution of each step

-When we ant to have great insurance and confidence that the project will be colted – it’s not a risky approach.

3.Given your answer to questions 1 and 2: to what extent would a ‘structured’ approach be suitable for developing the Borchester Leisure Centre Information System?

Given your answer to question 1: when would a ‘structured’ approach be appropriate?

When we need have confidence that we will complete the task. Due to a lot of plalling and analysis this approach best suits projects that need to be completed on a a step by step basis.