Case Study 1 – The Proposal

Student Guide

Objectives:

➢ Develop a vision and plan for meeting the CEO's requirements.

➢ Work as a team to develop the vision and plan.

➢ Develop two realistic and feasible approaches to meeting the CEO's requirements.

➢ Evaluate each approach by comparing each alternative's advantages and disadvantages and recommending the best approach.

➢ Communicate your understanding of what the CEO is asking for by developing possible sketches of the GUI.

➢ Convince your instructor that you have a feasible plan that will produce a quality product on schedule.

Deliverables:

1) A statement of the problem that they are trying to solve and why.
2) A vision of two alternative approaches that allows the CEO to see the desired information.
3) The advantages and disadvantages of the two alternatives.
4) A rough sketch of the user interface that the CEO can expect to see.
5) A description of artifacts that will be delivered with each alternative.
6) A System Integration Life cycle approach and schedule

Approach Guidelines:

Make sure that each team member has a role to play in developing the deliverables.

Give yourself time to review the deliverables to ensure a high quality product.

Keep the problem statement separate from the solution

You may not have all the information that you need, so you may have to make assumptions or ask the instructor.

Develop the GUI as a way of communicating that your team understands what the end user is looking for.

Define what criteria are important first, and then compare each alternative against those criteria when addressing the advantages and disadvantages of each approach.

Make sure your GUI sketches answers the following queries:

Which employees made over? amount during the last year by department.