Assignment 2 –

Requirements document

1. Project Plan (3 Slides Approx.)- Gunner

* Compile a project plan In MS Projects for your project.
* Define the tasks for all the FAST phases for your project.

* Allocate the resources (the members of your project team) for each task. • Indicate the task inter -dependencies.
* Use the screen shots in SU4 - Project Management PowerPoint slides to give more detail,

e.g. 4-33 Entering Inter-task Dependencies

4-37 Defining Project Resources

4-38 Assigning Project Resources

1. Definitions, acronyms, and abbreviations (1 slide Approx.) \*LAST

• List and define ALL the acronyms and abbreviations that appear in your document here.

• Do NOT list or define acronyms and abbreviations that do not appear in our document.

1. Project description and Scope (3 Slides Approx.) - Carli

* Functional requirement = a description of activities and services a system must provide inputs, outputs, processes, stored data
* Non-functional requirements = descriptions of other features, characteristics, and constraints that define a satisfactory system (Qualities), e.g. performance, ease of learning and use, budgets, deadlines, documentation, security, internal auditing controls.

1. Functional requirements i.e. **a)** business data requirements (inputs, outputs), **b)** business processes requirements and **c)** business interface requirements (6 slides Approx.)- JAN

* Design a table describing the **‘Input’, ‘Processing’ and ‘Output’** for every scope item identified as part of the functional scope
* GUI must be decided on as a group!

1. Non-functional requirements (categorized according to the PIECES Framework) (1 slide Approx.) -

* Categorize each **requirement** according to the PIECES framework, i.e

• Performance,

• Information and Data,

• Economics,

• Control or Security,

• Efficiency of People and Processes, Service to Stakeholders

1. Candidate Systems Matrix (7 slides Approx.)

* A tool used to document similarities and differences between candidate systems.
* A table needs to be designed describing each candidate in the following aspects:

Sample:

|  |  |  |  |
| --- | --- | --- | --- |
| Characteristics | Candidate 1 | Candidate 2 | Candidate 3 |
| Brief Description | Do nothing: continue current business processes | Purchase a PC and a DBMS that can be used to maintain an inventory database | Candidate 2 plus acquire internet service and develop a web site. |
| Portion of System Computerized: Brief description of the portion of system processes computerized by the candidate | N/A | Inventory record storing and processing | Candidate 2 plus  Order/customer record storing and processing, and marketing |
| Technology  - Servers & workstations | N/A | PC | PC w/ modem  ISP contract |
| - Output device | N/A | Laser printer | Same as candidate 2 |
| - Input device | N/A | Keyboard and mouse | Same as candidate 2 |
| - Storage devices | N/A | PC hard disk (at least 6 GB) | Same as candidate 2 |
| - Software tools needed | N/A | MS Access | MS Access  Web design tool  (for ASP) |
| - Application software | N/A | Designed in MS Access | Web Browser (package)  ASP plus MS Access |
| Interfaces | N/A | PC monitor  (Access Interfaces) | Same as candidate 2  Plus Web pages |
| Processes | Same as current processes | Inventory maintenance process will be changed | Customer order processing, inventory maintenance processes will be changed |
| - Method of data processing | N/A | Batch | On-line/real time |
| Geography (Network) | N/A | N/A | N/A |

1. Feasibility Analysis Matrix (7 slides Approx.)

**--Do with candidate matrix!**

* Use own Weights, Candidates and Motivations • Calculate own Scores • Must have exactly the same candidates as in Candidate System Matrix

1. Use-Case Glossary & Use-Case Model Diagram (2 slides Approx.)

* Make a Use-case Diagram for the system and then the glossary to describe what each process entails.
* Use-case glossary must come before the diagram

1. Examples of data, questionnaires, fact-finding techniques used (3 slides Approx.) - Carli

* Need to come up with ways we “used” to find facts.
* And then summarise those findings in charts, however the group sees fit!

1. Summary, future & further planning (PERT Chart) (2 slides Approx.)

* Summary of what this document holds and is about
* PERT chart needs to be designed