PROJECT MEDICA

-WEB-BASED MEDICAL CENTER MANAGEMENT SYSTEM-

WORK BREAKDOWN STRUCTURE

MGTE 31212 – PROJECT MANAGEMENT

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INTRODUCTION

The Work Breakdown Structure of project Medica-A web based medical center management system, is illustrated here covering all the work needed to complete the project.

OUTLINE VIEW

1. Medical Center Management System
    1.1. Initiation
        1.1.1. Analyze the current business process
        1.1.2. Submit the project proposal
        1.1.3. Prepare the video presentation
        1.1.4. Obtain feedback from the judge panel
    1.2. Design
        1.2.1. Prepare the System Requirement Specification (SRS)
        1.2.2. Obtain the SRS approval from the project supervisor
        1.2.3. Submit the SRS
        1.2.4. Prepare the Design Report
        1.2.5. Obtain the Design Report approval from the project supervisor
        1.2.6. Submit the Design Report
        1.2.7. Present the Prototype Presentation
        1.2.8. Obtain feedback from the judge panel
    1.3. Development
        1.3.1. Conduct the initial Project Development supervisor meeting
        1.3.2. Obtain required software and hardware
        1.3.3. Execute the development phase 1
        1.3.4. Present the interim presentation
        1.3.5. Obtain the feedback from the judge panel
        1.3.6. Execute the development phase 2
        1.3.7. Conduct the final testing and troubleshooting stage
        1.3.8. Populate sample data
    1.4. Control
        1.4.1. Obtain feedback from the client
        1.4.2. Obtain the approval for the system from the project supervisor
        1.4.3. Conduct the final system presentation
        1.4.4. Obtain the feedback from the judge panel
    1.5. System Handover

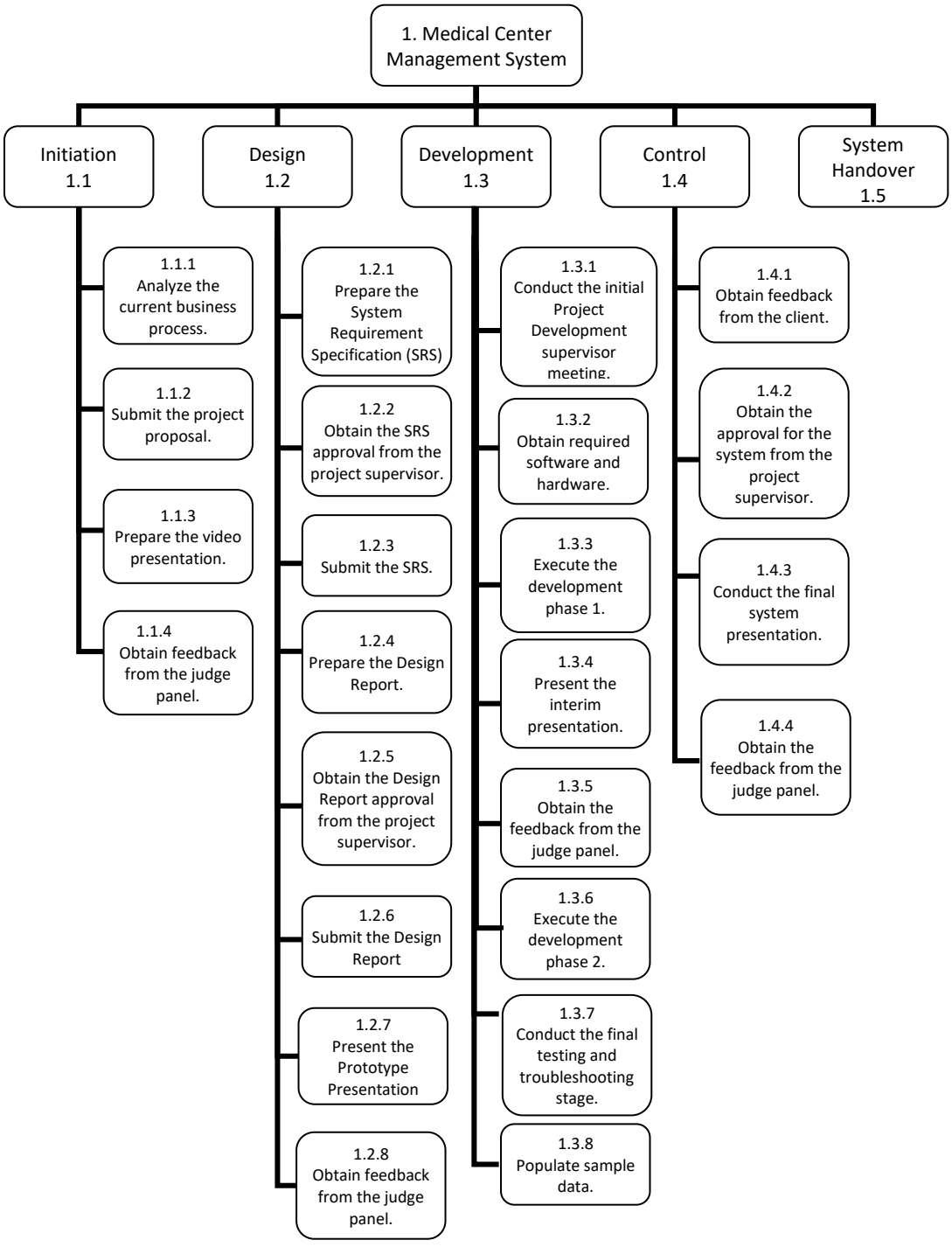
HIERARCHICAL STRUCTURE

Level	WBS Code	Element Name
1	1	Medical Center Management System
2	1.1	Initiation
3	1.1.1	Analyze the current business process
3	1.1.2	Submit the project proposal
3	1.1.3	Prepare the video presentation
3	1.1.4	Obtain feedback from the judge panel
3	1.2	Design
2	1.2.1	Prepare the System Requirement Specification (SRS)
3	1.2.2	Obtain the SRS approval from the project supervisor
3	1.2.3	Submit the SRS
3	1.2.4	Prepare the Design Report
3	1.2.5	Obtain the Design Report approval from the project supervisor
3	1.2.6	Submit the Design Report
3	1.2.7	Present the Prototype Presentation
2	1.2.8	Obtain feedback from the judge panel
3	1.3	Development
3	1.3.1	Conduct the initial Project Development supervisor meeting
3	1.3.2	Obtain required software and hardware
3	1.3.3	Execute the development phase 1
3	1.3.4	Present the interim presentation
3	1.3.5	Obtain the feedback from the judge panel
3	1.3.6	Execute the development phase 2
3	1.3.7	Conduct the final testing and troubleshooting stage
3	1.3.8	Populate sample data
2	1.4	Control
3	1.4.1	Obtain feedback from the client
3	1.4.2	Obtain the approval for the system from the project supervisor
3	1.4.3	Conduct the final system presentation
3	1.4.4	Obtain the feedback from the judge panel
2	1.5	System Handover

TABULAR VIEW

Level 1	Level 2	Level 3
1 Medical Center Management System	1.1 Initiation	1.1.1 Analyze the current business process 1.1.2 Submit the project proposal 1.1.3 Prepare the video presentation 1.1.4 Obtain feedback from the judge panel
	1.2 Design	1.2.1 Prepare the System Requirement Specification (SRS) 1.2.2 Obtain the SRS approval from the project supervisor 1.2.3 Submit the SRS 1.2.4 Prepare the Design Report 1.2.5 Obtain the Design Report approval from the project supervisor 1.2.6 Submit the Design Report 1.2.7 Present the Prototype Presentation 1.2.8 Obtain feedback from the judge panel
	1.3 Development	1.3.1 Conduct the initial Project Development supervisor meeting 1.3.2 Obtain required software and hardware 1.3.3 Execute the development phase 1 1.3.4 Present the interim presentation 1.3.5 Obtain the feedback from the judge panel 1.3.6 Execute the development phase 2 1.3.7 Conduct the final testing and troubleshooting stage 1.3.8 Populate sample data
	1.4 Control	1.4.1 Obtain feedback from the client 1.4.2 Obtain the approval for the system from the project supervisor 1.4.3 Conduct the final system presentation 1.4.4 Obtain the feedback from the judge panel
	1.5 System Handover	

TREE STRUCTURE VIEW



WBS DICTIONARY

Level	WBS Code	Element Name	Definition
1	1	Medical Center Management System	Designing and developing a Medical Center Management System
2	1.1	Initiation	Initialization of the project work
3	1.1.1	Analyze the current business process	Studying the current business process and identifying problems and weaknesses
3	1.1.2	Submit the project proposal	Proposal regarding the project is submitted
3	1.1.3	Prepare the video presentation	A video is prepared to briefly explain what the project is going to be.
3	1.1.4	Obtain feedback from the judge panel	Getting the feedback before moving onto designing
3	1.2	Design	The designing of the overall project is carried out
2	1.2.1	Prepare the System Requirement Specification (SRS)	Clients' requirements and corresponding system requirement analysis is prepared
3	1.2.2	Obtain the SRS approval from the project supervisor	The project supervisor approves the SRS to continue with the project
3	1.2.3	Submit the SRS	SRS is submitted for the project evaluation purposes
3	1.2.4	Prepare the Design Report	The design report consisting of design concepts and methodologies is prepared
3	1.2.5	Obtain the Design Report approval from the project supervisor	Project supervisor approves the Design Report of the project.
3	1.2.6	Submit the Design Report	Design report is submitted for project evaluation purposes
3	1.2.7	Present the Prototype Presentation	The content of the design report and the prototype of the project is presented
2	1.2.8	Obtain feedback from the judge panel	Feedbacks are obtaining before moving on to the development phase
3	1.3	Development	The Project is developed using the previously set design parameters
3	1.3.1	Conduct the initial Project Development supervisor meeting	The kickoff meeting of the development stage to have proper guidance from the start.
3	1.3.2	Obtain required software and hardware	The facilities needed for the development stage is organized

3	1.3.3	Execute the development phase 1	The initial development stage to cover 30%-50% of the functional requirements.
3	1.3.4	Present the interim presentation	The phase 1 work is presented for evaluation purposes
3	1.3.5	Obtain the feedback from the judge panel	Getting the feedback from the judge panel before moving on to the next phase
3	1.3.6	Execute the development phase 2	The development work is concluded
3	1.3.7	Conduct the final testing and troubleshooting stage	The work is tested and any defects or bugs found will be troubleshooted to complete the system development
3	1.3.8	Populate sample data	Sample data is added to present the system and its functionalities
2	1.4	Control	The conclusion of the project takes place
3	1.4.1	Obtain feedback from the client	The completed project is presented to the client to get feedbacks
3	1.4.2	Obtain the approval for the system from the project supervisor	Project supervisor approves the completion of the development
3	1.4.3	Conduct the final system presentation	The complete product is presented for evaluation purposes
3	1.4.4	Obtain the feedback from the judge panel	Final feedbacks are obtained before handing over the system
2	1.5	System Handover	The completed system is handed over to the client

GLOSSARY OF TERMS

Level of Effort: Level of Effort (LOE) is the amount of work needed for a completion of a particular task.

WBS Code: The code to identify each element uniquely and each respective level that they are operating at.

Work Package: A Work Package is a work component at the lowest level of its WBS branch.

WBS Component: A component of a WBS which is located at any level. It can be a Work Package or a WBS Element as there's no restriction on what a WBS Component is.

WBS Element: A WBS Element is a single WBS component, and its associated attributes located anywhere within a WBS. A WBS Element can contain work, or it can contain other WBS Elements or Work Packages.