

TUTORIAL 3

TASK DESCRIPTION

You are a project manager of a software development company. Your company is engaged in a software service for Hanoi University, to develop a Library Management System for the lecturers/staffs and students to use. As a project manager, you are required to create a Scope Document which has following contents:

- a. *Scope statement (project descriptions)*
- b. *Deliverables*
- c. *WBS (Work Breakdown Structure)*

TASK GUIDELINES

SCOPE DOCUMENT

Project: Develop Library Management System for Hanoi University

Development Company: ABC Company

Client: Hanoi University

I. Scope statements

A service agreement was established between ABC Development Company (as the service provider) and Hanoi University (as the client) in September 2022.

Both service provider and client aim to develop and deliver a software system, a Library Management System to be deployed for use as an online library service of Hanoi University. The system included 3 modules:

1. **Sub-system 1:** Building a Central Database for the Library. A Central Database is
2. **Sub-system 2:** Develop a Search and Reserve service for all university students and lecturers/staffs. This service enables
3. **Sub-system 3:** Develop a Book Management sub-system,

A. Overall objectives:

B. Justifications : Why us was chosen? Give customer's benefits

Example:

Patient's Document Management System

A. Overall objectives

- O1: Understand the process of patient's treatment
- O2: Understand the government regulations on patient's documents
- O3: Complete and deliver the product (manage patient documents)
- O4: Train client staffs to use the software

II. Deliverables

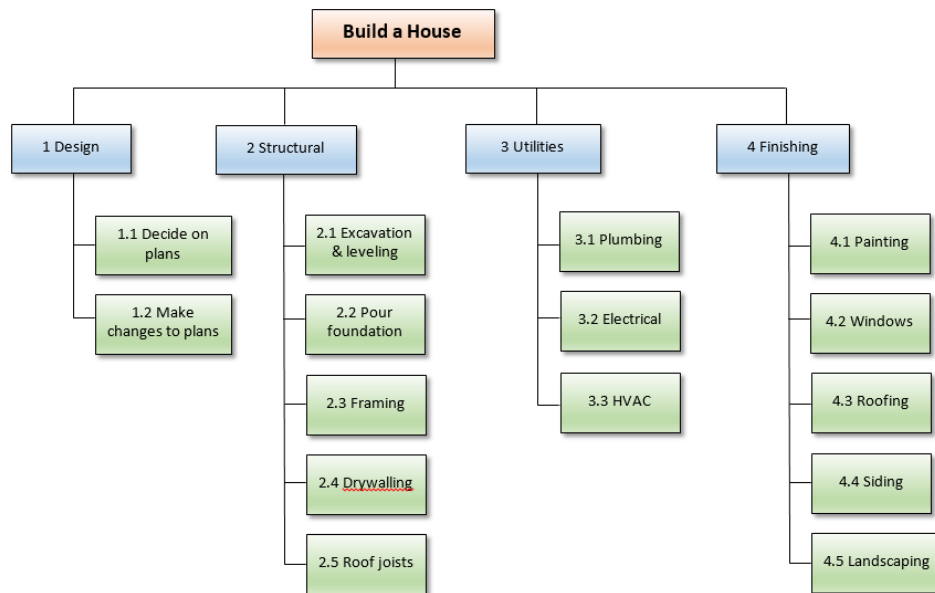
No	Deliverables	Detail characteristics	Date of delivery
1	<i>Sub-system 1:</i> Building a central Database for the Library
2	<i>Sub-system 2:</i> Develop a Search and Reserve service for all university students and staffs
3	<i>Sub-system 3:</i> Develop a Book Management sub-system

Example:

No.	Deliverables	Detail Characteristics	Date of Delivery
1	1.1 <i>Reception Sub-System</i> 1.2 <i>Receivable Sub-System</i> 1.3 <i>Medical Treatment Sub-System</i>	The system must conform to government regulations regarding medical treatment process. 1.1 Reception can view, check the patient to verify information (not medical records) 1.2 Receivable (Accounting department) can view patient's information and the amount patient should pay. 1.3 Medical Treatment department can view, search all medical records	2 nd Nov 2022

III. Work Breakdown Structure

Examples:



WBS & Development estimated effort										
				BA (hrs)	DEV (hrs)				QC (hrs)	
#	Feature/Function/UC	Task	Priority	REQ	A & D	Unit Test	Code	Defect prevention	Test design	Test exec
1	Manage product	Add product	1	12	8	8	16	4	8	12
2		Edit product	2	6	4	4	8	2	4	4
3		Delete product	2	2	1	1	2	1	1	1
4	Manage category	Add category	1	8	6	4	8	4	4	4
5		Edit category	2	4	2	2	4	2	2	4
6		Delete category	2	1	1	1	2	1	1	2
7	Search product	Search product by category	2	4	2	2	4	2	4	4
8		Search product by supplier	2	2	2	1	2	2	2	2
			14	39	26	23	46	18	26	33
Development effort:									225	

SUBMISSION:

- Write your answer in a Word document
- Save file as: *FullName_StudentID_Class_Tutorial3*