

Project building villa (Housing units)

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Project stakeholders zain malek

Project team Ahmed Abdelraoof abo Elenein

Project Purpose provide all young people by housing to solve their issues

A *project charter* is similar to the goal, but more official, more detailed, and in line with your company's vision and goals.

Project results

- Start to build about 800 house (villa)
- About 600 will be finished by 2022.

Basic milestone timeline

- January we will start to buy all tools that necessary for the project
- April we will make agreement with engineers and employees
- May began to build 600 housing units
- October finish all necessary electrical and paint procedures
- November let youth to apply online for this (600) housing units only
- December project completed by December 20

Project resource

- Budget 10000000 million
- The land that is necessary for the project
- Drilling equipment

Project constrains and assumptions

- The project must be completed by December 20
- The project must not exceed (11000000 million)
- Needed to build 600 unit
- The vendors should advertise this units on the TIME without affecting the project schedule

Risks

- Trying to build this without legal advice
- The power may be outage

Project scope the requirements of a project define the boundaries. Requirements are the elements, conditions, services, and expectations that the project customers, stakeholders, and management expect the project to create.

Product scope description

After agreeing with young people who requested to get the housing unit

We decided to avoid high prices so we should make these housing units

Available for every one

Project acceptance criteria

- The villas area should be wide
- The villas over looks landscapes
- Chose a quite district to build these units

Project deliverables

- The area is about 1000 square -foot
- Every unit have garage

Project exclusion

- Owner is responsible for landscape
- Air conditioning is not include the project but the wire is included

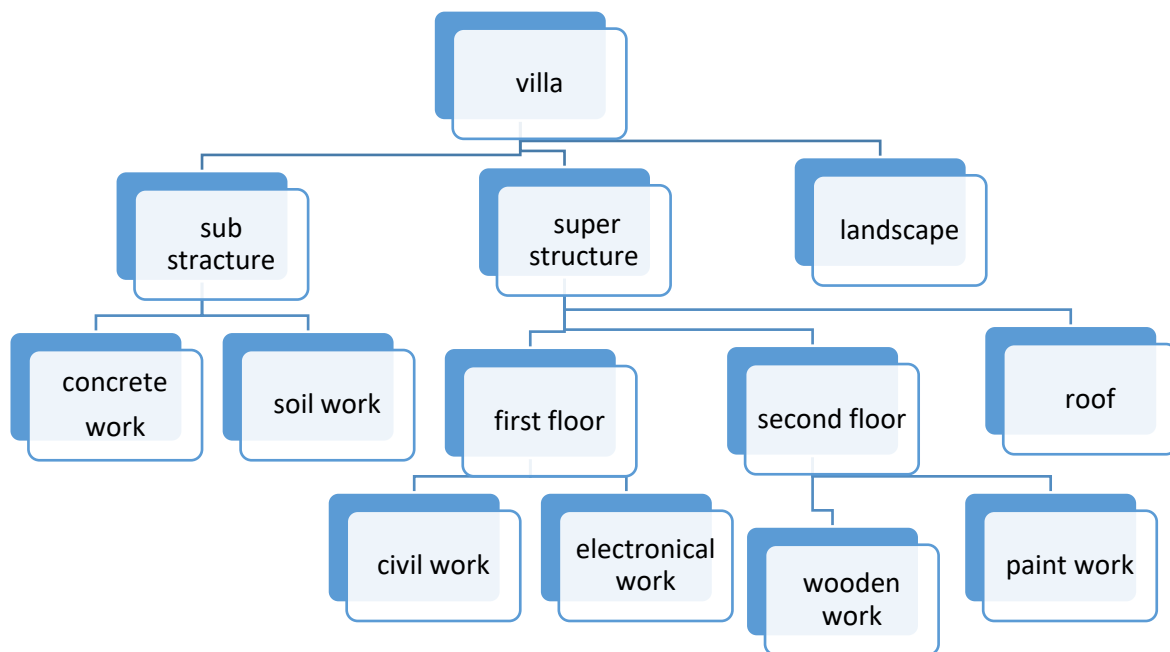
Project constrains

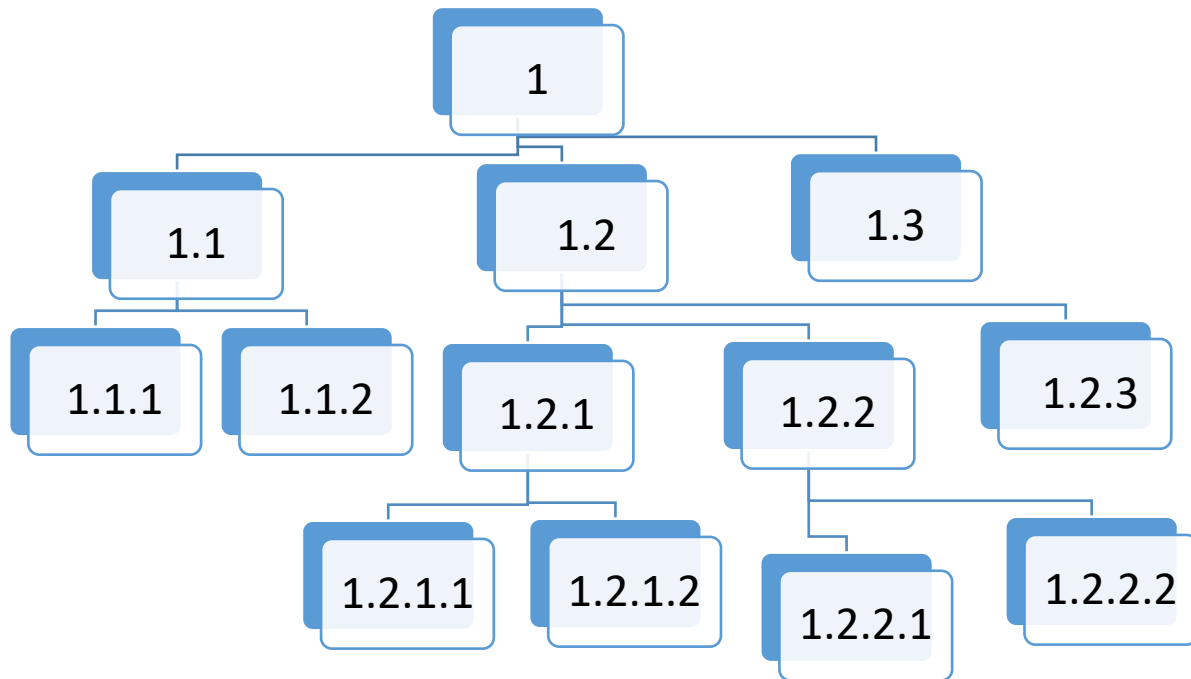
- The budget must be at least 11000000\$
- It required good employee and efficiency engineer

Project assumptions

- All employees and engineer should work all time at different times
- The tools should be modern to ensure project quality

WBS is a deliverables-oriented collection of project components. It is a categorization and decomposition of the project scope statement





Work package name sub structure	Code of it 1.1
description this sub structure is that every thing about drilling operations and structure design	Who responsible drilling workers and engineers Who specialize in that work
Resources required <ul style="list-style-type: none"> Drilling machines Electric generator Other tools for design engineers 	Coast to create <ul style="list-style-type: none"> it may be coast about 200000\$

The WBS *dictionary*, as its name implies, is a dictionary that defines each work package in the WBS. You'll use the WBS dictionary to clearly identify what the components of the WBS are and how they relate to the project scope

Work package name super structure	Code of it 1.2
Description is an upward extension of an existing structure above a baseline	Who responsible project manager is responsible for this task as it the most important one and the vendors
Resources required the main resource needed is money and civil engineers and certainly it need the main equipment for complete the work and	Coast to create this task will take a big budget as it important like it may be coast about 5000000\$

Work package name <i>soil work</i>	Code of it 1.1.2
description the soil is the main resource for this project it determined the validity of that soil to complete the project	Who responsible drilling workers and agriculture engineers

Resources required <ul style="list-style-type: none"> • Drilling machines • Chemistry laboratories to examine that soil • 	Coast to create <ul style="list-style-type: none"> • it may be coast about 2000000\$
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Work package name <i>electrical work</i>	Code of it 1.2.1.2
description electrical work is every thing about electricity like electrical switches and panels that control all devices in the house	Who responsible <ul style="list-style-type: none"> • Electrical engineering • The project manager
Resources required <ul style="list-style-type: none"> • Modern electrical equipment and switches • Electric generator 	Coast to create <ul style="list-style-type: none"> • it may be coast about 2000000\$

Work package name <i>paint works</i>	Code of it 1.2.2.2
description paint work is considered important stage for finishing the units to be suitable for using	Who responsible <ul style="list-style-type: none"> • Paint workers • Interior engineer • The vendors who responsible for units

Resources required <ul style="list-style-type: none"> • Equipment of paint • Paint roller • The colors of each room 	Coast to create <ul style="list-style-type: none"> • it may be coast about 1000000\$

Responsibility matrix

	Engineers	Stakeholders	Vendors	Project manager	
Sub structure	C	R	V	R	
Super structure	C	S			
Soil work	C			V	
Electrical work	R				
Paint works	C	V	R	A	

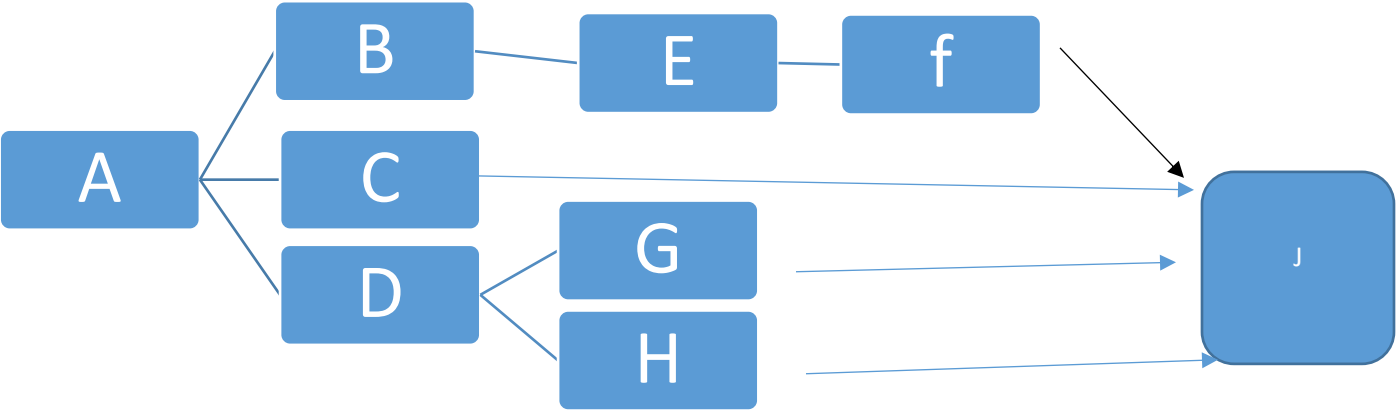
Concrete work	C	C			
Civil work	R		A		
Wooden work	C		A	V	

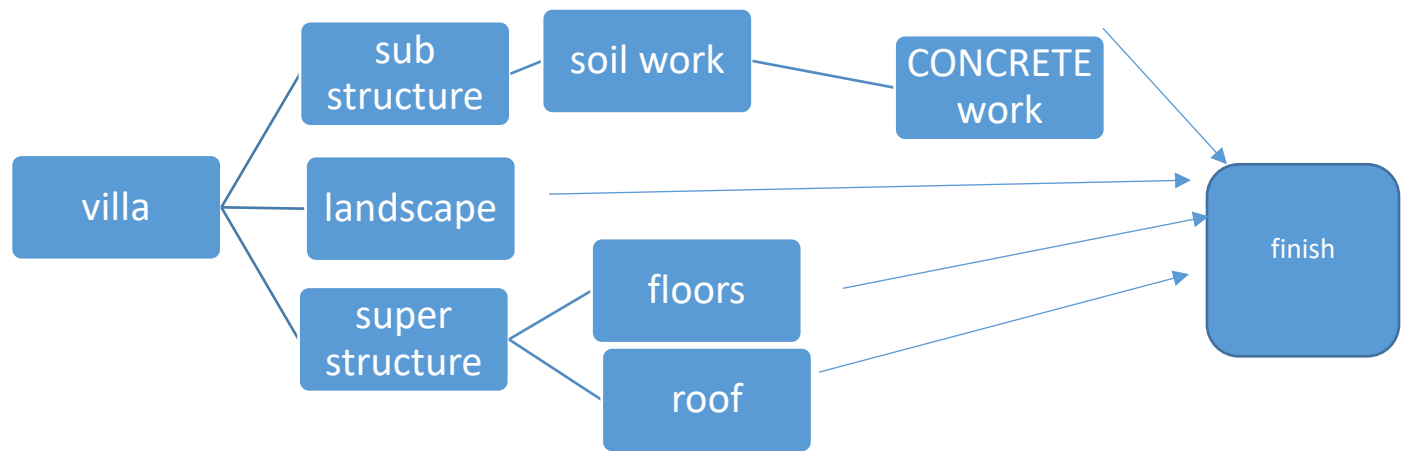
R=responsible

A=accountable v =verified

S=supportive

C =consulted





Activity	Description	Activity time
A	VILLA (define requirement)	10 day
B	Substructure	30
c	Landscape	50
D	superstructure	70
E	Soil work	30
F	Concrete work	40
G	Floors	20
H	roof	20
J	FINISHES	10

0	5
5	5

5	5
5	5

5	35
5	35

35	65
35	65

65	105
65	105

105	105
105	115

5	75
5	85

75	95
85	105

75	95
85	105

