I am a Primavera P6 scheduler preparing a L3 draft plan of approximately 50 task-dependent activities (excluding milestones and level of effort activities) for the following Project description.

Project Description:

{Project\_Description}

WBS Level 1 and Level 2

{Project\_full\_WBS\_L1\_L2}

The numbering and naming patterns for the WBS list above are the following:

For Level 1 WBS lines are formatted as <WBS Number>#<WBS Name>

For Level 2 WBS lines are formatter as <Level1 Number>.<Level 2 Number>#B###\_Sub-WBS Name.

What I Need:

TASK 1:

I want you to list 4 relevant activities under each WBS Level 2 , listed in the following WBS structure:

{Project\_full\_WBS\_L1\_L2}

The Activities must be relevant to the WBS title and the Project Description.

Every item inside a Level 2 WBS gets an Activity ID of the form: (parent WBS)\_(sequential counter starting at 1) e.g., 005.02\_1, 005.02\_2, etc.

Do not stop results to one Work Package or one branch; generate the activity breakdown for every level 2 WBS listed under the following WBS Level 1 and Level 2

{Project\_full\_WBS\_L1\_L2}

The results for WBS and activities should be a list of WBS nodes and activities, with these six fields exactly:

| Parent WBS | Activity ID / WBS No. | Name | Milestone | Activity Status | Type (GroupNode or ActivityNode) |.

Rules:

For Level-1 rows, the Parent WBS = \*single blank space\*.

For all the WBS rows Type = GroupNode, else Type= ActivityNode

Leave Activity Status blank.

If activity is a milestone then Milestone = Yes.

Before you continue make sure you listed 4 activities for all the Level 2 WBS items listed in the following WBS

{Project\_full\_WBS\_L1\_L2}

IMPORTANT: complete the task fully. Do not explain what you are doing. Output only the plain text lines in the requested formats.

OUTPUT from TASK 1

Produce a plain text combining the Full WBS structure and their activities list (from TASK 1).

Give the Full WBS and activity list (from TASK 1) in the six-field format above, one line per record. use the first line to add their titles.

Each line should combine these six fields exactly, separated by a "#" symbol:

For example (first line is the titles):

Parent WBS#Activity ID / WBS No.#Name#Milestone#Activity Status# Type (GroupNode or ActivityNode)

<space>#005#A020\_Construction#No## GroupNode

005#005.01#B005\_Foundation design#No## GroupNode

005.01#005.01\_1#Excavate site#No## ActivityNode

005.01#005.01\_2#Pour concrete#No## ActivityNode

Important: do not stop until the OUTPUT for TASK 2 is completed.

All Level 2 WBS will have a Parent WBS , from Level 1 WBS. For example

005#005.01#B005\_Foundation design#No## GroupNode

Do not create a space between lines

Do not include extra text, space between lines, bullet points, or numbering outside this format. Do not add any commentary or explanation.

TASK 2 (do it after you fully completed TASK 1):

I want you to also find the activity relationships between all the activities you listed above, following these RULES:

Make sure all activities have at least one successor except “KM\_Project Finish”.

The results for the relationships should be a list of relationships (activity dependencies) with: Predecessor (Activity ID) | Successor (Activity ID).

Rules: exclude relationships between WBS rows. Within each Level 2 WBS , build a simple Finish-to-Start chain between activities.

Make sure the order is representing the sequence of the work to be done . All activities should have a successor except the KM\_Project Finish.

OUTPUT for TASK 2

Once you completed " OUTPUT for TASK 1" add the following clear separator line : "SplitEdgesNodes".

Then after line " SplitEdgesNodes " produce in plain text the list of \*ALL\* relationships from "TASK 2" in the Predecessor#Successor format, one line per record.

Produce a plain text list of activity-to-activity relationships. Do not produce WBS-to-WBS links, or WBS to activity relationships. Show \*ALL\* relationships between activities, not WBS elements. Each line should have:

Activity ID of Predecessor#Activity ID of Successor

For example:

005.01\_4#006.01\_1

005.01\_1#005.01\_2

005.01\_2#005.01\_3

Make sure you found the relationship between activities of different WBS. For example design will be the predecessor of construction or permissions.

For example:

005.01\_4#006.01\_1

Do not create a space between lines

Do not include extra text, space between lines, bullet points, or numbering outside this format. Do not add any commentary or explanation.