

Planning Process Group Artifacts

5.4 Create WBS

5.4.2 Decomposition (Tools and Techniques)

PMGT 690, ERAU, Prof. Sherman

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5.4.2 Decomposition: This artifact was taken from PMGT 501, assignment 2.5. It defines the project scope statement, identifies deliverables and then properly decomposes down into individual work packages.

This problem is to develop a WBS for a local stage play. The first step is to define the objective or the **project scope statement**. This project has 4 months before opening night. The total cost is to not exceed \$5,000.

Deliverables:

- 3 hour play for 4 straight nights

- Construction of 3 major sets

- Approved facility: proper sound system, lighting and seating

- Vendors and local sponsors

Milestones/teams:

- Secure approved facility: Day 1

- Funding approved: Day 1

- Contact director/select cast: Apr 10

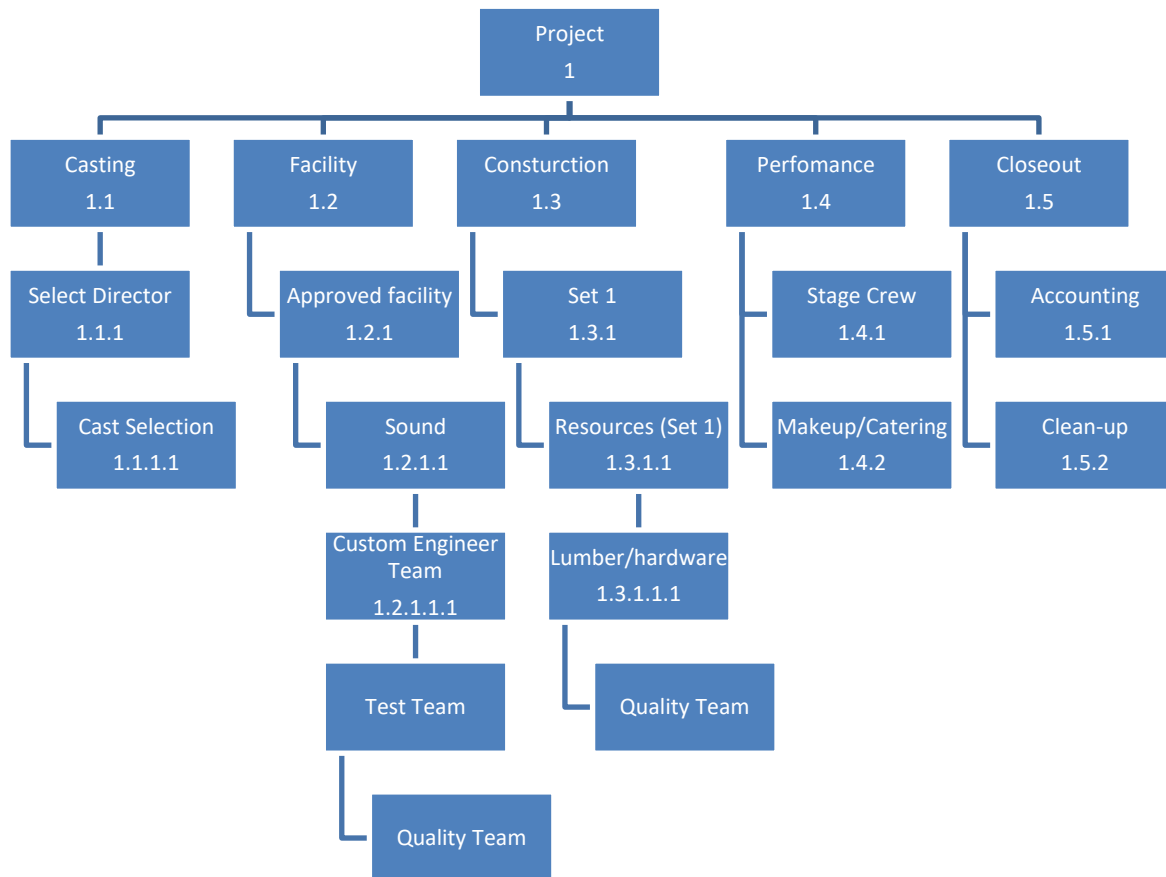
- Construction of sets: June 1

- Contact catering company: Apr 10

- Play: Jul 1

- Clean up: Jul 5

WBS tree structure



Work package 1.3.1.1.1, is a unit with a set start/stop time and has an exact value associated with it. With this particular WBS, you can get an accurate cost estimate from decomposing to level 4.

The organizational breakdown structure (OBS) would be the separate teams to follow up with the hired sound team. They would test and follow up with quality assurance. There would be OBS

with the construction of the set as well. Making sure individuals are not violating building codes and also the maintenance teams are certified and working in safe conditions.