THE HIERARCHY OF SCHEDULES
PLANNING RESOURCES

1. Materials
   - Need to determine
     - Quantities takeoff
     - Availability and probable delivery time
     - Type of materials

2. Equipment
   - Selection of the type of equipment
   - Availability and delivery time
   - Decision for purchase or renting
PLANNING RESOURCES (cont.)

3. Manpower
   - Crew size and composition
   - Availability
   - Time required to perform each activity

4. Money
   - Account receivable, account payable

5. Time
   - Beginning
   - End date
   - Milestones
BAR CHARTS

- A graphical representation of a project in which activities’ types and duration represented by bars in proportion duration.
NETWORKS

- **Definition**
  
  A network consists of two basic elements: nodes and links between these nodes.

- **Arrow Diagram**
  
  Activities are represented by two nodes and one link.

- **Precedence Diagram**
  
  Activities represented by nodes and links represent the relationship.
Arrow Diagram for a Small Garage

Precedence Diagram for a Small Garage

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