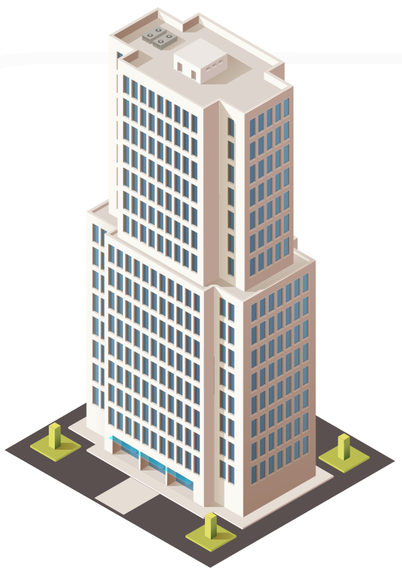
# AN INTRODUCTION OF 4D BIM TECHNIQUES



Construction Sequencing or 4D BIM is about recording project benchmarks, outputs of the project, determining the start and end date of building a project, thus scheduling of a project is important to complete it.

BAR CHARTS

### BAR CHARTS

- It evaluates the list of activities based on parameters such as the start date of the project to end date of project completion, a timeline of project process and maps all the activities on project timescale.
- Accuracy of resources can be obtained in the project through this technique.

LINKED BAR CHARTS

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- It uses arrows and lines to link all the activities and items that depict replacement and precursor for every activity in the schedule.
- To begin the next orderly activity, previous activity is combined in this technique.

CRITICAL PATH METHOD

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- List of activities is prepared amongst its logical relationship, duration of related activities, prepare schedule and timeline of every activity.
- By this, start and end date of completing the project can be attained.

LINE OF BALANCE SEQUENCING

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- Resources are allocated for each step or operations in the process and assure that the next set of activities is not delayed and achieve timely results.

Q SCHEDULING

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- Quantities can be extracted at different locations of the project that makes the model closer to reality.
- It helps in knowing the cost and relationship among sequences of a task performed in the project.