

## **DAILY UPDATES ON CONSTRUCTION SITES PROGRESS USING ARTIFICIAL INTELLIGENCE**

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Construction Production Planning embedded application is developed to track the usage of materials and labors from beginning to end. It coordinates the activities such as: Analyzes the materials required to construct the building, predicts the number of days required to manufacture the product, cost, maintenance and quality assurance. The tradition approach leads to inefficient planning and undesirable products. It intended of storing inaccurate data that created high cost expense. This application reduces manual work and stores the customized requirements of materials required, quantity of materials required in every process, and all the updates on the product. This hardware application schedules the processes of requirement gathering, material analysis, and collection of required data, work force required, production rate, and quality assurance. It prepares ultimate schedules for the above data. Every item is given a unique number for identification. This application maintains a record of every product and the specific materials required to manufacture the product. It includes cost efficient and reduces unnecessary delays.

