CONSTRUCTA

23INMCA310 - Mini Project 1

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DEPARTMENT OF COMPUTER APPLICATIONS

ABSTRACT

Constructa

Overview:
Constructa is a web-based application that helps prospective homeowners plan and visualize house construction efficiently. It bridges the communication gap between users and engineers, ensures accurate budgeting, and provides an end-to-end solution for house building.

Modules:

1. **User Input & Requirements:** Collects specifications like floors, rooms, plot size, and budget.
2. **Plan Recommendation:** Suggests suitable house plans.
3. **House Layout Display:** Shows 2D images of recommended plans.
4. **Engineer / Contractor Info:** Provides professional contacts.
5. **Material Shopping:** Displays required construction materials with quantities.
6. **Budget & Material Suggestion:** Estimates cost and suggests materials.
7. **Local Workers Directory:** Lists masons, carpenters, electricians, etc.
8. **Download Plan:** Allows downloading house plans in PDF/image.
9. **Feedback:** Captures user feedback for system improvement.

Technologies Used:
HTML, CSS, JavaScript, PHP, MySQL

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