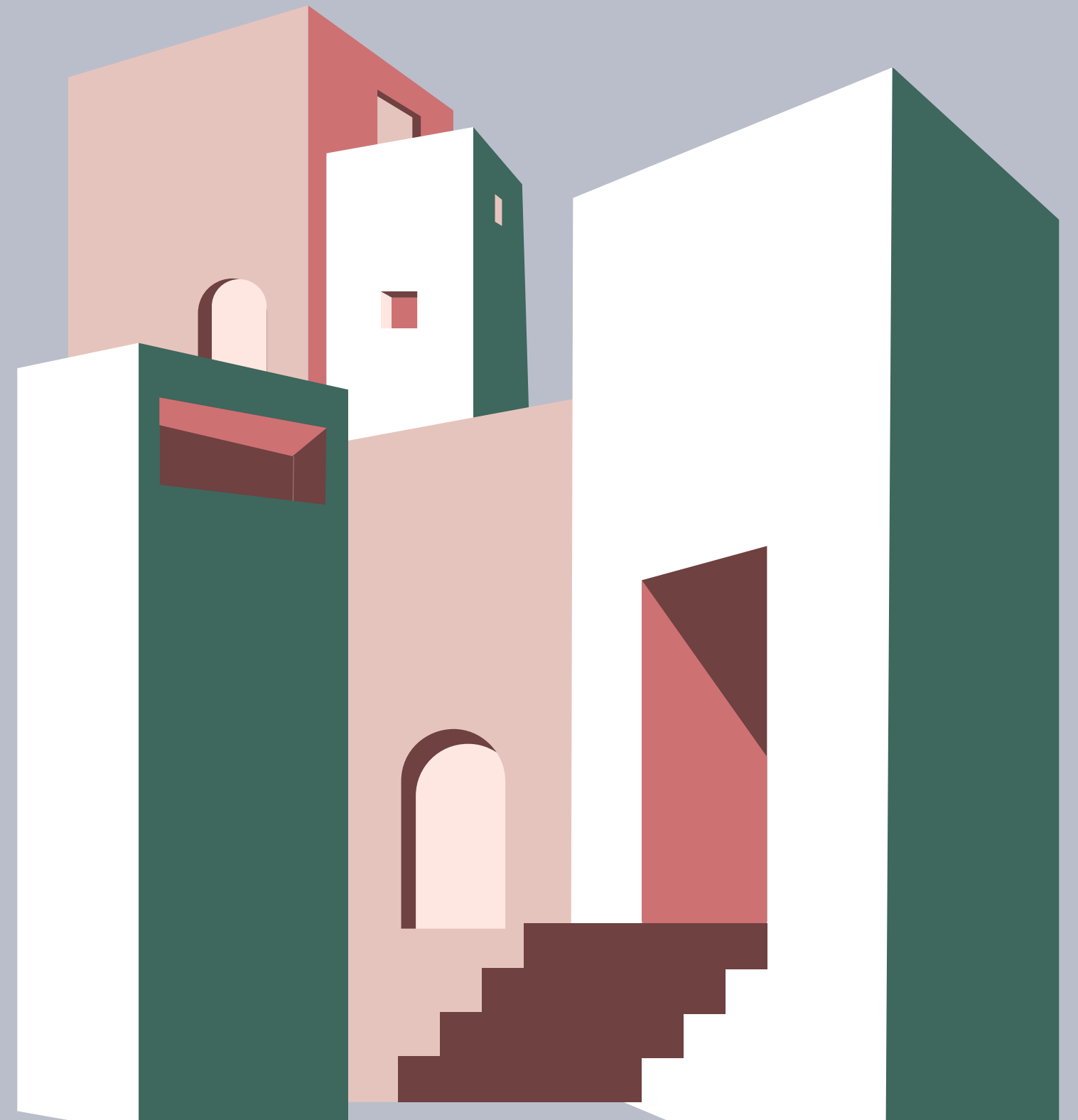
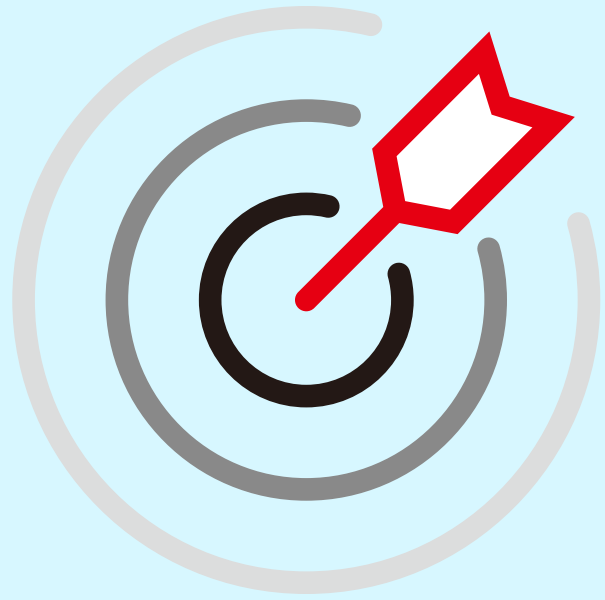




IMPROVISING
INFRASTRUCTURE
INTELLIGENCE

INFRAAMINDS





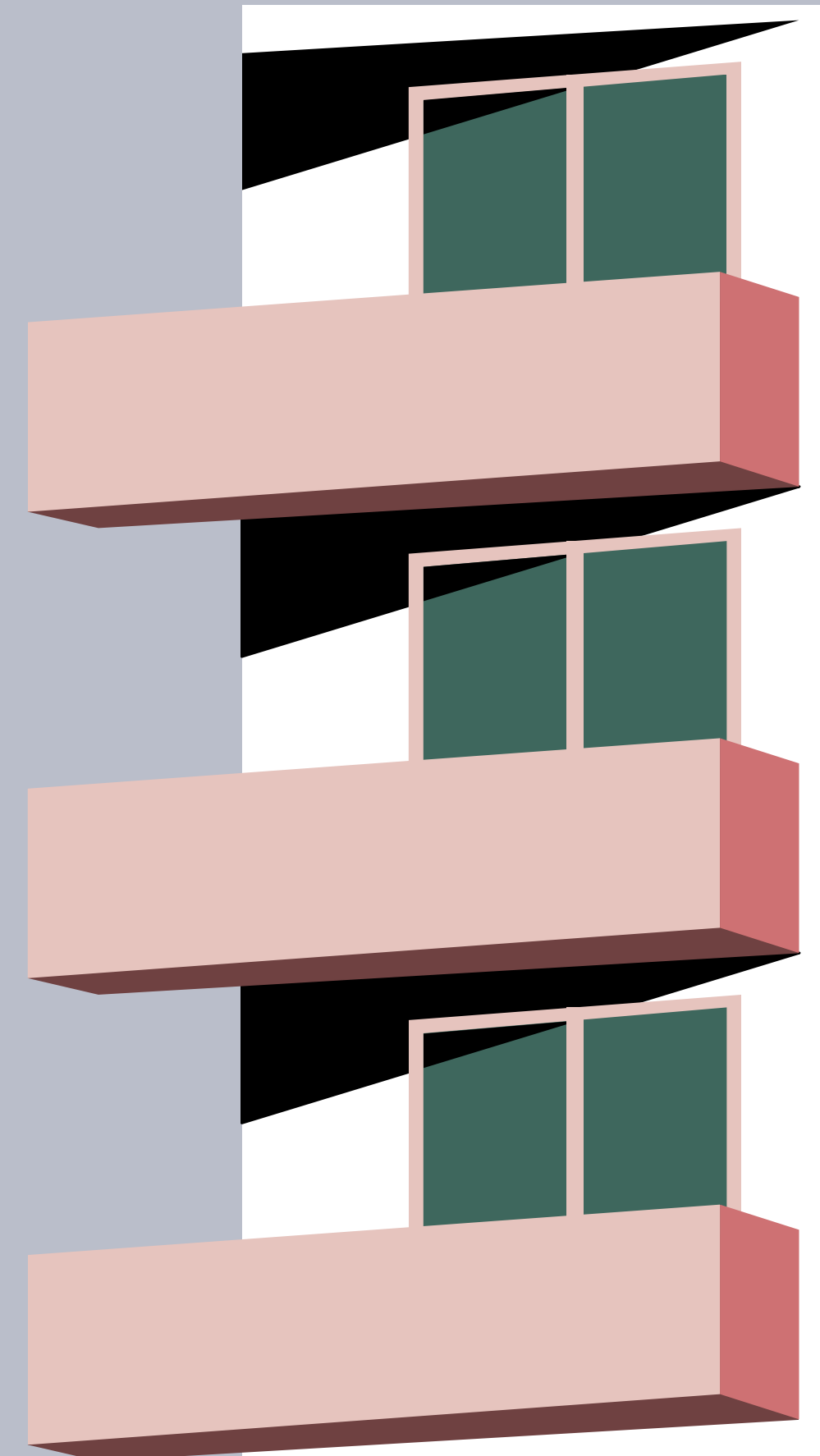
OUR MISSION

To democratize and simplify infrastructure planning by making intelligent design, cost estimation, and architectural experimentation accessible to everyone—homeowners, architects, and builders—at a nominal price.



OUR VISION

To become the leading digital platform that empowers all stakeholders in the construction ecosystem to make smarter, faster, and more informed infrastructure decisions, bridging the gap between technology and traditional architecture.





PROBLEM

Limited Experimentation:

Homeowners and small builders often have no way to visualize or experiment with different architectural layouts before engaging an architect, leading to missed opportunities and dissatisfaction.

Inefficient Communication:

Multiple design iterations with architects can be slow, costly, and frustrating, resulting in delays and increased expenses.

Complexity & Accessibility:

Designing a building, estimating costs, and ensuring compliance with local regulations is complicated and intimidating for non-professionals. Users must also consider fire safety laws and seismic regulations, making the process even more challenging without expert support.

High Costs:

Professional architectural services are expensive and out of reach for many, especially for those who just want to explore ideas or get rough estimates.





AI-Powered Design:

Users input plot details, Vastu and personal preferences, number and type of rooms, and sustainability needs.

Interactive Layout Editor:

Instantly preview, edit, drag, and resize rooms on the architectural layout. Make changes via chatbot prompts or manual adjustments.

Professional Reports:

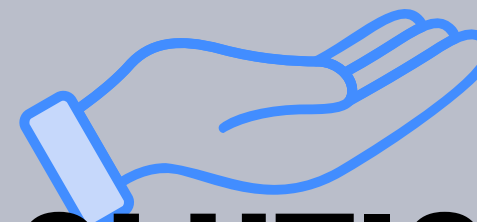
Automatically generated, downloadable reports with layouts, cost breakdowns, and compliance notes.

Smart Recommendations:

Users receive actionable advice on design, compliance, and cost optimization.

Central Dashboard:

All conversations, layouts, and reports are saved and accessible for future reference or sharing.



SOLUTION

Accessible & Affordable:

Designed for ease of use and available at a price point accessible to all.

Instant Cost Estimation

Our AI models analyze regional municipality regulations and real-time market trends to provide accurate construction cost predictions, including compliance with essential fire safety standards such as fire exits, alarms, and sprinkler systems. This ensures every estimate is both regulation-ready and safety-focused, tailored for each project's location and requirements.



USER PERSONAS



Homeowner (Rajesh, 30)

- Recently purchased a plot with no architectural background.
- Wants to visualize different home layouts, understand costs, and feel confident before meeting professionals.
- Seeks a user-friendly, affordable tool to experiment with ideas.



Architect

- Professional designer working on multiple projects.
- Needs rapid prototyping tools to generate layouts and cost estimates.
- Wants to offer clients modern, AI-driven options and stay updated with trends.



Builder

- Manages several construction sites and teams.
- Requires fast, accurate cost predictions and layout options for efficient planning.
- Seeks to streamline project discussions with clients and architects.

USER JOURNEY

Discover & Login

Rajesh, a 30-year-old plot owner, logs into Infraaminds after hearing about it online.

AI-Driven Output

Within seconds, the AI generates a customized architectural layout and a detailed professional construction report, including cost estimates, compliance notes, and smart recommendations.

Collaboration & Sharing

Rajesh now has multiple layouts and reports ready to discuss with his architect or builder, making the professional consultation more productive and informed.

Architects and builders can use the same process to quickly generate and iterate on layouts, get cost predictions, and stay aligned with client expectations.

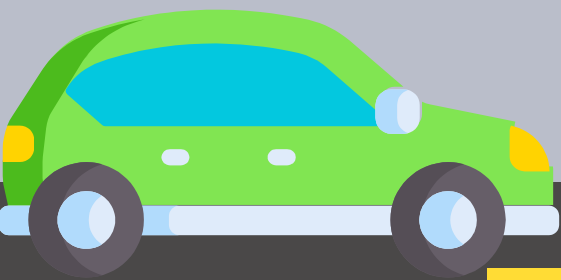
Chatbot Interaction

He is greeted by a friendly chatbot interface and a layout/report generation panel. He tells the chatbot his plot size, Vastu preferences, number and type of rooms, and any special requirements like sustainability features.

Experimentation & Iteration

Rajesh tries out different ideas, tweaks room sizes, and rearranges layouts using both the chatbot and the drag-and-drop editor. All his designs and conversations are automatically saved to his dashboard.

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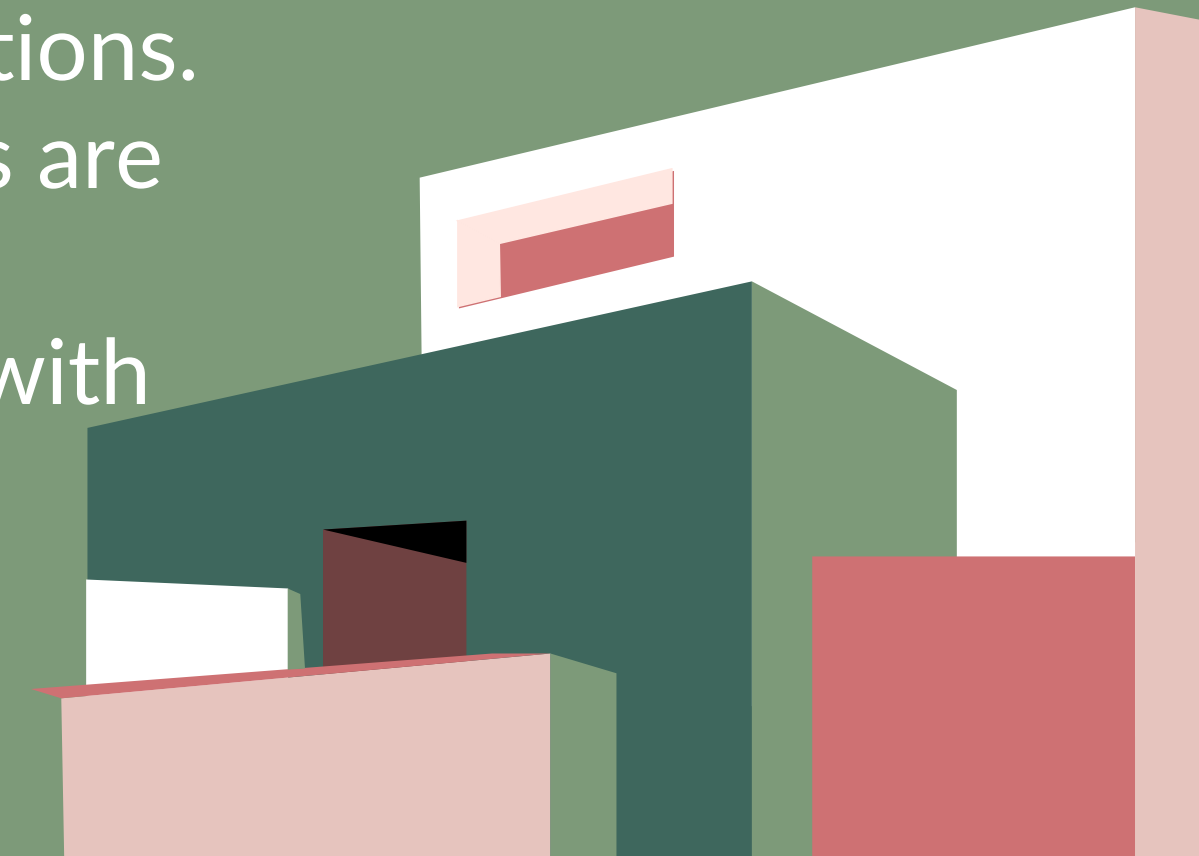


PROTOTYPE

INFRAAMINDS



- **Editable Layout Preview:** Visual editor to drag, resize, and modify rooms in real time.
- **AI Chatbot:** Interactive assistant for gathering requirements, answering queries, and making instant design changes.
- **Professional Report:** Downloadable PDF with cost breakdown, compliance details, and smart recommendations.
- **Dashboard:** All user sessions, layouts, and conversations are saved for easy access and sharing.
- **Collaboration Tools:** Share layouts and reports directly with architects and builders.





Infraabot Chat

Generate a layout in this format:\n(91,157)(47,157)(47,113)\n(91,113), living_room: (209,143)(121,143)(121,69)(209,69),\n kitchen: (165,187)(106,187)(106,157)(121,157)(121,143)\n(165,143)\n\nA house with two bedrooms and a kitchen\n adjacent to the living room:

Layout Preview

Send a prompt to see your layout!

bedrooms and a kitchen adjacent to the living room;

Send

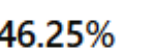
Add Room

Plot Width: 1000 Plot Height: 800

Manage all your construction planning reports in one place.

Subscription	Free Tier
1. Access to all features	1. Access to all features
2. Unlimited storage	2. 10GB storage
3. 24/7 customer support	3. 24/7 customer support
4. Advanced analytics	4. Basic analytics
5. Integration with third-party apps	5. Integration with third-party apps
6. Regular updates	6. Regular updates
7. Data export functionality	7. Data export functionality
8. Customizable dashboard	8. Customizable dashboard
9. Mobile app access	9. Mobile app access
10. API access	10. API access
11. Single sign-on (SSO)	11. Single sign-on (SSO)
12. Audit logs	12. Audit logs
13. Role-based access control (RBAC)	13. Role-based access control (RBAC)
14. Data backup and recovery	14. Data backup and recovery
15. Compliance with GDPR	15. Compliance with GDPR
16. Data encryption at rest	16. Data encryption at rest
17. Data encryption in transit	17. Data encryption in transit
18. Two-factor authentication (2FA)	18. Two-factor authentication (2FA)
19. Password complexity requirements	19. Password complexity requirements
20. Account lockout policy	20. Account lockout policy
21. Session timeout	21. Session timeout
22. Data retention policy	22. Data retention policy
23. Data deletion policy	23. Data deletion policy
24. Data archiving	24. Data archiving
25. Data migration	25. Data migration
26. Data synchronization	26. Data synchronization
27. Data replication	27. Data replication
28. Data backup	28. Data backup
29. Data recovery	29. Data recovery
30. Data security	30. Data security
31. Data integrity	31. Data integrity
32. Data availability	32. Data availability
33. Data consistency	33. Data consistency
34. Data reliability	34. Data reliability
35. Data performance	35. Data performance
36. Data scalability	36. Data scalability
37. Data flexibility	37. Data flexibility
38. Data portability	38. Data portability
39. Data interoperability	39. Data interoperability
40. Data compatibility	40. Data compatibility
41. Data compatibility	41. Data compatibility
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+ New Project





Infraabot Chat

Hi John! What to build today ?

Hi Infraabot! Generate a layout of a 3BHK modern residence.

Sure. Here it is!!

Reduce the size of Bedroom 2.

Send

Add Room

Plot Width: 1000 Plot Height: 800

Layout Preview

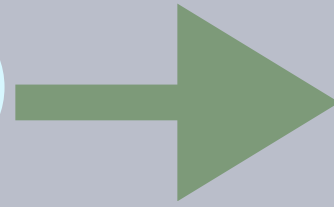


PROFESSIONAL REPORT

INFRAAMINDS



Target Segments:



**Homeowners, architects, builders,
and real estate developers.**

Market Size:

- The Indian home construction and renovation market is valued at over ₹2.5 lakh crore annually.
- More than 30 lakh new homes are constructed every year in India.

MARKET OPPORTUNITY

Trends:

- Rapid digitization of the construction and design industry.
- Growing demand for affordable, DIY, and semi-professional design tools.
- Increasing focus on sustainability, compliance, and transparent cost estimation.

INFRAAMINDS



Opportunity:

Infraaminds addresses a massive, underserved market of first-time builders and small professionals seeking intelligent, accessible planning tools.





Current Solutions:

- Traditional architects: Personalized but expensive (average ₹1–3 lakh per project) and slow.
- Generic design software: Complex, not tailored for Indian regulations or cost estimation (licenses ₹20,000+ per year).
- Manual estimation: Time-consuming, prone to errors.

Infraaminds Advantage:

- AI-driven, real-time, interactive platform.
- Seamless integration of design, cost estimation, and compliance.
- User-friendly and affordable, democratizing access to smart infrastructure planning.
- Saves time, reduces costs, and empowers users to make informed decisions.



COMPETITIVE LANDSCAPE



Thank You

INFRAAMINDS



Join Us in Transforming Infrastructure Planning!

Infraaminds empowers every plot owner, architect, and builder to create smarter, more accessible designs.

Let's build the future together: efficient, affordable, and intelligent.

Let's connect and shape the next generation of infrastructure!

-PRAGYAN