

Minutes of Meeting – Software Development Requirements

Date: 11.17.2025

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Subject: Feature Integrations & Functional Scope

1. Integrations & Core Functional Requirements

1.1 Searchability & Filters

- The system must allow users to search and filter projects based on *specific, exact client requirements*.
- Filters should include (but not be limited to):
 - Project Name
 - Budget Range
 - Configurations (e.g., 2 BHK, 3 BHK, 4 BHK, etc.)
 - Location
 - Client Requirement Tags
 - Availability Status

1.2 Internal Web Map / Recommendation Engine

- Creation of an internal mapping system that enables the software to:
 - Identify and display similar projects that match the same parameters given by the client.
 - Function as an intelligent suggestion engine to speed up shortlisting.

2. Downloadable Client Communication Assets

2.1 Text Export

- All project-related descriptions, specifications, and messages should be downloadable in text format for easy sharing with clients.

2.2 Floor Plans & Videos

- Floor plans, PDFs, images, and project videos must be downloadable directly through the software to streamline the process of sending creatives.
- These assets will be uploaded manually by the internal team onto the software system.
- System should support addition, modification, and deletion of assets.

3. Security Requirements

3.1 Two-Factor Authentication (2FA)

- Mandatory integration of 2FA for enhanced security across all user accounts.
- Authentication options:

- OTP via Email
- OTP via SMS
- Authenticator App (Google Authenticator) (*optional*)

4. Mandatory Fields / Data Structure Required

Each project entry should contain:

- Project Name
- Budget
- Configurations (2, 3, 4, 5, 6 BHK etc.)
- Floor Plans (e.g., *Birla Niyaara Tower 2 – 3 BHK Floor Plan*, 4 BHK, 5 BHK as applicable)
- Write-up / Description Message
- Project Media (videos, rendered creatives, PDFs, brochures)
- Location / Micro-market
- Developer Name
- Availability & Inventory Notes (*optional*)

5. Scope Sheet – Storage, System Capacity & Requirements

5.1 Estimated Storage Requirements

(These can be modified once vendor provides projections.)

- Floor Plans (PDF/JPG)
- High-resolution Brochures
- Project Videos
- Number of Projects Expected: 150
- Estimated Annual Storage Requirement
- Storage to be expandable without downtime.

5.2 System Performance Requirements

- High-speed indexing for search filters
- Secure database architecture (PostgreSQL or MongoDB recommended)
- CDN integration for fast media downloads
- Role-based access system
- Auto-backup every 24 hours

6. Hosting & Technology Recommendations

6.1 Hosting Options & Indicative Pricing (Approx.)

(Vendor to confirm final selections)

7. Next Steps

- Vendor to provide:
 - Final scope document

- Wireframes of UI
- Data architecture plan
- Timeline & cost estimate
- Internal team to prepare:
 - Initial list of all projects
 - Media folders for upload
 - Admin-level approvals for tech stack & hosting