

PT1405001

Version 2.0

Proposal for Social Web App for Real Estate Community

Prepared for:

Shreshth Agarwal

Domain:

Web App Design & Development

16th May, 2024



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1. Objective

This document is meant for **Shreshth Agarwal** (hereafter referred to as **Client**).

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This is the proposal document for **Promatics**' service offering in the web application design and development space. The document details our understanding of the brief, the objectives of the services suite, the methodology, deliverables and commercials.

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2. Client Brief

Client wants to develop a social media **web application** tailored particularly for the real estate community.

Brief:- I am excited to share that we are planning to launch a new venture focused on creating a community platform for the real estate industry, akin to Instagram. The platform will serve as a hub for users and professionals involved in any aspect of real estate, such as architects, contractors, builders, material providers, service providers, and more. Here are the key features of the platform: 1. User Verification: We will verify all professionals to ensure credibility and quality within our community. This will include individuals dealing with any aspect of real estate. 2. Portfolio Creation: Users will be able to create portfolios of their assets and properties. These portfolios will be encrypted and accessible only to the user. 3. Project, Product, and Service Management: Verified users will have the ability to post and manage their projects, products, and services on the platform. 4. Community Engagement: Our aim is to foster a thriving community where users can connect, collaborate, and share insights related to real estate. 5. City Data and Insights: We will provide comprehensive data for the cities users are searching in. Starting with 3-4 third-tier cities such as Sri Ganganagar, Sirsa, Bhatinda, and Sikar, each city's page will offer insights and data, including city layouts, master plans, and real estate news. Users will be able to connect with anyone in the city who is registered on our platform.

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3. About Promatics

Promatics is an established, global IT solutions company delivering web development, mobile application development, software development, IT consulting and staff augmentation services to clients worldwide. Promatics leverages industry's best methodologies and cutting edge business processes to develop technology upfront web and mobile enabled solutions. With a rich and varied experience in providing software development, project management capabilities and stringent quality standards ensure to develop solutions that give your business an edge over your competitors. We are experts in developing and implementing applications for mission-critical and enterprise-wide projects.

With our resource pool of experienced professionals coupled with state-of-the-art technology and industry best practices, it is our vision to make our customers the best in the industry by offering best of the breed solutions.

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4. Scope of Work

Deliverables for the Web Application

◆ Page Template

- ◆ Custom Web 2.0 Standard Design Responsive Templates
- ◆ User visibility research and layout engineering
- ◆ Organization Logo

◆ Template Layout

- ◆ Banner
- ◆ Size according to specifications
- ◆ Logo placement
- ◆ Text
- ◆ Graphics

◆ User Visibility Content

- ◆ Information bar
- ◆ Tool bar
- ◆ Side Bar
- ◆ Header and Footer
- ◆ Text and Graphics

Design Specifications

Design tools and technologies

The design and layout of the website will be SEO friendly. It will be constructed using CSS, HTML5, XHTML, DHTML and Bootstrap along with use of AJAX keeping in mind the latest web 2.0 trends.

The website upon completion will be integrated with Google data analytics for keeping an eye on the statistics of the site. It will also carry Refer a friend and printer friendly version at all pages. To help people bookmark the site easily; add this widget will be embedded at the top of the homepage.

Front End

The front end will have the following features:-

◆ Web Application Content Screen For Users

- ◆ Splash Screen
- ◆ Walk through Screens
- ◆ Sign Up/Create your account
 - **For individual**
 - Create a unique username
 - Enter your first name
 - Enter your last name
 - Enter email
 - Enter mobile number
 - Generate verification link over the phone number/email
 - Verify link/Confirm link
 - Continue (Users account will be created and user will receive the confirmation over the mail address for successful account creation)
 - **For business**
 - Create a unique username

- Select business type from the list of available options
- Business name
 - Owner name
 - First name
 - Last name
- Select business category
 - Select subcategory
- Business address
 - Pin your business location on Google map (Google maps API required from the client)
 - Select country
 - Enter your city
 - Enter your province
 - Enter your zip code
- Enter your phone number/email address
- Enter years of experience
- Upload verification documents
- Generate verification link over the phone number/email
- Create password
- Verify link/Confirm link
- Continue (business account creation request will be sent to the admin and until admin approval, the account will not be created)
- e-KYC verification (aadhar KYC API required from the client)
- ◆ After Signing Up
 - Set profile picture
 - Do you wish to make your profile private?
 - If yes
 - Your profile posts and portfolio will not be visible to the people that do not follow you on the web app
 - Select purpose of your visit
 - Select one from the available options

- Select the categories you are interested in
 - List of categories
 - Select multiple (at least 5)
 - Proceed
- ◆ Sync your contacts (this feature can only be available on mobile application)
 - Allow the app to access contacts data from the device
 - Show suggestions of people on the app you may know from your contacts
- ◆ Enable two-step verification (using biometric security) (this feature can only be available on mobile application)
 - Allow app to access device's biometric data
 - Face ID (for iPhone)
 - Fingerprint (for Android)
- ◆ Social Sign Up
 - Google
 - Facebook

The social signed-up users will be by-default individual users but can later be converted to business profile
- ◆ Sign In
 - Enter registered email address or your username
 - Enter password

Or

 - Enter mobile number
 - Enter OTP

Or

 - Use Google/Facebook account to sign in
- ◆ Forgot password
 - Enter registered email
 - Visit the password reset link received in the email
 - Reset password

- Enter new password
 - Confirm password
 - Submit
 - Password changed successfully
- ◆ App Tour (this feature can only be available on mobile app)
 - Dynamic app tour highlighting the app's features depending on the user type using the app
- ◆ Guest User
 - Can only view nearby social media posts, share links of the posts, view profiles of each type of users and share their profile links
 - Can not open PDFs uploaded by another user to their portfolio. Can not like/comment/report on a post. Can not follow any other user. Can not view followers or followings of other users
- ◆ Individual User
 - Set up portfolio
 - Add a new asset
 - Enter the property name
 - Select the property type
 - Location
 - Pin location on Google maps (Google maps API required from the client)
 - Enter the location (locality, city, state, PIN code, country etc.)
 - Enter the area of the property
 - Enter description of the property
 - Upload multimedia
 - Upload images and videos
 - Confirm posting
 - Upload documents
 - Upload required property documents

- **Property value**
 - **Enter the purchase price**
 - **Enter the current market price**
 - Add more assets by repeating the above method
- My Portfolio
 - List of all the assets added by me
 - View asset details
 - **View P/L percentage and amount on your assets as per the current market rate**
 - Edit an asset
 - Add new asset
- ◆ Business User
 - **Set up property portfolio**
 - Create a folder
 - Enter the name of the folder (the folder name could be the society's name)
 - Create a property listing inside a folder
 - Basic details
 - Property Title: A concise, descriptive title (e.g., "Spacious 3-Bedroom Apartment in Downtown")
 - Property Type: Options like house, apartment, condo, townhouse, commercial property, land, etc.
 - Listing Type: For sale, for rent, or lease
 - Location Details
 - Address: Full street address
 - City: City or town name
 - State/Province: State or province
 - ZIP/Postal Code: ZIP or postal code
 - Country: Country
 - Property Details
 - Square Footage: Total area in square feet or meters

- Number of Bedrooms: Total number of bedrooms
- Number of Bathrooms: Total number of bathrooms
- Number of Floors: Total number of floors
- Year Built: The year the property was constructed
- Lot Size: Total land area in acres or square feet/meters
- Interior Features
 - Flooring Type: Hardwood, carpet, tile, etc.
 - Heating/Cooling: Types of heating and cooling systems
 - Kitchen Features: Appliances included, counter-tops, cabinetry
 - Laundry: Laundry facilities and type (e.g., in-unit, shared, washer/dryer included)
 - Additional Rooms: Home office, basement, attic, etc.
- Exterior Features
 - Exterior Materials: Brick, siding, stucco, etc.
 - Roof Type: Type of roofing material
 - Parking: Garage (number of cars), carport, street parking, etc.
 - Yard: Description of the yard or garden space
 - Fencing: Type and extent of fencing around the property
- Amenities and Special Features
 - Pool: Type of pool (if any)
 - Gym: Onsite gym or nearby fitness facilities
 - Security: Security systems, gated community, etc.
 - Accessibility Features: Features like wheelchair ramps, elevators, etc.
- Nearby Facilities
 - Schools: Proximity to schools and their ratings
 - Public Transport: Nearest public transport options
 - Shopping and Dining: Nearby shopping centers, restaurants, and cafes

- Parks and Recreation: Nearby parks, trails, and recreational facilities
- Multimedia
 - Photos: High-quality images of the property (interior and exterior)
 - Videos: Video tours of the property
 - Virtual Tours: 360-degree virtual tour or VR experience
 - Floor Plans: Detailed floor plans of the property
- Description
 - Property Description: A detailed, engaging description of the property, highlighting key features and unique selling points
- Upload PDF (property documents)
- Property value
 - Enter the current market of property
- My Portfolio
 - List of all the folders created
 - Open a folder and view list of all the properties listed
 - View property details
 - Edit a property
 - Add a new property
 - Create a new folder
 - **Set up work portfolio**
 - Create a project
 - Basic details
 - Project title
 - Project description
 - Project type
 - Location
 - Duration
 - Start date

- Completion date
 - Duration in weeks
- Multimedia
 - Before images/videos
 - After images/videos
 - Work in progress images/videos
- Technical details
 - Materials used
 - Tools and equipment used
 - Techniques used
- Budget
 - Overall budget of the projects
- Upload PDF
- Repeat the above steps to create more projects
- My work portfolio
 - List of all the projects created
 - View project details
 - Edit a project
 - Remove a project
- **Set up store**
 - Upload a product
 - Basic Information
 - Product Name
 - Select category
 - Select subcategory
 - Detailed Description
 - Product Description
 - Specifications
 - Technical Details
 - Select brand
 - Pricing Information

- Multimedia
 - Upload images/videos of the product
 - Upload PDF
 - Repeat the above steps to keep on adding more products
 - My store products
 - List of all the products added by me to the store
 - View a product
 - Edit a product
 - Remove a product
- ◆ Upload content on social media feed
 - Upload story
 - Upload from device storage
 - Video conditions:
 - The video should not be more than 3 minutes in length.
 - The video format should be mp4.
 - The video should not be more than 100 MB in size.
 - There will be no editor offered on the platform to make changes to the video to be uploaded before posting. The user must prepare the video off the platform and use the platform to just upload the ready-video.
 - Normal post
 - Enter text (only text can be uploaded without any images/videos) (text up to 500 characters)
 - Upload image(s) upto 10
 - Or, Upload video(s) upto 10 where each video can not be longer than 3 minutes and more than 100 MB in size.
 - Or, Upload combination of images and video upto 10
 - Select category of the post (can be multiple)
 - Enter the tags for the post
 - Select if the post is linked to an asset/property/product/project you own

- Select one of the items from your portfolio

◆ Promote a Post

- View benefits of promoting a post
 - The promoted posts appear on the top of the feed of a user if your location is within the other user's location, and the interest of the user matches the category of the post's owner's profile, and/or the tags associated with the post
- Select a post you want to promote from your uploads
 - Select duration for which you want to promote your post
 - A week
 - A fortnight
 - A month
 - Amount to pay to promote the post as per your selected duration
 - Make payment (payment gateway required from the client)
 - Post promoted

◆ My promoted posts

- List of all the promoted posts
 - Post details
 - Promoted on (date)
 - Promotion ending on (date)
 - Renew promotion
 - Make payment to renew promotion on a post
 - Engagement on promoted post
 - Number of users reached
 - Number of likes
 - Number of followers received through the post
 - Number of comments
 - Number of shares on the post
 - Most reach collected by location (country)

◆ Social Media Feed

- General posts
 - A list of posts by users/stores near you curated according to your category interests selected during signing up
 - View post
 - Like
 - Comment
 - Report
 - Share
 - If a post is linked with an asset/property/product/project
 - View detail screen of the asset/property/product/project
 - View the profile of the post owner
- Stories (expires in 24 hours of posting)
 - View other profiles' stories
- ◆ View an Individual User's Profile
 - Basic details
 - Name
 - Profile picture
 - Contact information
 - Posts
 - List of posts made by the user
 - Property portfolio
 - List of assets uploaded by the user
 - Follow/unfollow
 - Number of followers
 - Number of followings
 - Send message
 - Message request sent to the user under chats
 - Share profile
 - Report
 - Select reason for reporting
 - Submit to the admin

- ◆ Explore Nearby **Businesses**
 - List of **business users** near your location
 - Search **business users**
 - Filter by category
 - View **business user**
 - Business details
 - Business Name
 - Business category
 - Profile picture
 - Contact information
 - Posts
 - List of posts made by the **business user**
 - **Property** Portfolio
 - List of properties uploaded by the user
 - Work portfolio
 - List of projects uploaded by the service provider
 - Store products
 - List of products uploaded by the store
 - Follow/unfollow
 - Number of followers
 - Number of followings
 - Send message
 - Message request sent to the store under chats
 - **Express interest**
 - **Select your reason for expressing interest**
 - Enter your email address (auto fetched from your profile but editable)
 - Enter your mobile number (auto fetched from your profile but editable)
 - Type a note (optional)
 - Submit

- Rating and feedback
 - Average rating received by the business
 - All the feedback comments added by other users
 - Rate this profile and leave your own feedback
 - Select rating in stars
 - Type feedback and submit
- Share profile
- Report
 - Select reason for reporting
 - Submit to the admin

◆ Community

○ Create a community (only for business profiles)

- Enter community title
- Select community category
- Enter description of the community
- Upload community display picture
- Security type
 - Public (anyone can join the community and view the members/posts inside the community but can not chat without first joining)
 - Private (users will have to join and be accepted by the community owner. And, only community members can view other members and posts inside the community)
 - Save
- Invite people
 - Share the community link with other users

○ List of all the communities created on the platform

- Search a community by name, category, keywords
- Filter communities by category
- View community
 - Community details

- Title
- Display picture
- Category
- Description
- Number of members
 - View members
- Join community
- Community posts
 - Create a post in the community
 - Enter text (only text can be uploaded without any images/videos) (text up to 500 characters)
 - Upload image(s) upto 10
 - Or, Upload video(s) upto 10 where each video can not be longer than 3 minutes and more than 100 MB in size.
 - Or, Upload combination of images and video upto 10
 - Select category of the post (can be multiple)
 - Enter the tags for the post
 - Select if the post is linked to an asset/property/product/project you own
 - Select one of the items from your portfolio
 - View list of all the posts in the community
 - View post
 - Like
 - Comment
 - Report
 - Share
 - If a post is linked with an asset/property/product/project

- View detail screen of the asset/property/product/project
 - View the profile of the post owner
 - Community chat
 - Chatroom for community members only
 - **My communities**
 - List of communities I have joined
 - View community
 - Posts
 - Other members
 - Chat
 - List of communities I own
 - View community
 - Edit community details
 - View members
 - Remove members
 - New member join requests
 - Accept / reject
 - Delete community
 - Handover the community ownership to another community member
- ◆ Blogs
 - List of blogs posted by other users nearby
 - Search by title, tags, keywords
 - Filter by categories
 - View blog
 - Images and textual content
 - Location of the blog
 - Comments by other users
 - Add a comment
 - Report blog

- Select reason for reporting
 - Submit to the admin
- Create a blog
 - Enter title
 - Upload images
 - Select category
 - Enter tags
 - Select location (optional)
 - Enter description
 - Upload
- My Blogs
 - List of all blogs uploaded by me
 - Add a new blog
 - Delete an existing blog
- ◆ City Data and Insights
 - List of cities for which data is available
 - Select a city
 - View insights and data related to emerging real estate in the city
(uploaded by the admin)
- ◆ Daily News (Third party API for fetching news required from the client)
 - List of news related to real estate
 - View news details (as fetched from the API)
- ◆ Chats
 - All chats
 - List of all chats
 - Name of the person message sent to
 - Name of the person the message received from
 - Requests
 - List of chat requests received
 - Accept/reject chat request

◆ Create a New Profile

- Create unique username
- Select profile type (individual or business)
 - Fill in form for the new profile creation as per the profile type

◆ Switch Profile

- List of profiles created under your account
- Select the profile which you want to use and continue with

◆ My Account

- Edit my profile
- Change password
 - Enter a new password
 - Confirm password
 - Change password (user will receive notification on his mail for changed password)

◆ My Posts

- List of posts made by me
 - View post details
 - Remove a post
 - View insights (only for business profiles)

◆ My Followings

- List of profiles I follow
 - View profile
 - Unfollow
 - Send message
 - Report

◆ My Followers

- List of profiles that follow me
 - View profile
 - Follow back

- Remove from followers
- Send message
- Report

◆ My Rating (for business users)

- My average rating on the platform
- List of feedback comments and ratings received from other users on the platform

◆ Leads (only for business users)

- List of profiles that follow me
 - Engagement on post
 - Number of users reached
 - Number of likes
 - Number of followers received through the post
 - Number of comments
 - Number of shares on the post
 - Most reach collected by location (country)

◆ Content Guidelines

- Guidelines on what type of content is permitted to be uploaded on the platform

◆ Notification Center

- List of notifications received separated by the types
 - Business
 - Social
 - New message requests
 - Community

◆ Privacy Policy

◆ Terms and Conditions

◆ Delete Account

- Enter password
- Confirm deletion

◆ Log Out

◆ Functions of Users

- ◆ The web app begins with a splash screen, followed by a series of walkthrough screens to guide new users through its features. To create an account, users can sign up as either individuals or businesses. For individual accounts, users need to **create their unique username**, enter their first and last names, email, and mobile number. They then generate a verification link sent to their phone number or email, which must be verified to complete the account creation. Once verified, users receive a confirmation email.
- ◆ For business accounts, users select their business type from options available. They then **create their unique username**, provide the business name (if applicable), owner name, business address including **location pin on google maps fetching the exact longitudes and latitudes of the business facility**, country, city, province, and zip code, contact details, years of experience, and upload a verification document. A verification link is generated and must be confirmed via phone number or email. After setting a password and verifying the link, the business account creation request is sent to the admin for approval, during which the account remains inactive. **Additionally, business users will need to go through an e-KYC which will be completed using aadhar KYC API provided by the client.**
- ◆ After signing up, **users are guided through a quick setup process to personalize their experience. First, they are prompted to set a profile picture by either uploading an image or choosing from predefined avatars. Next, they can choose to make their profile private, ensuring that only their followers can see their posts and portfolio. Users then select the primary purpose of their visit from options like networking, learning, or sharing knowledge. Finally, they choose at least five categories of interest from a diverse list, tailoring the content they will see in the web app.**
- ◆ For signing in, users can enter their registered email **or their unique username** and password, mobile number and OTP, or use their Google/Facebook account. If a user forgets their password, they can reset it by entering their registered email, visiting

the password reset link received in their email, and setting a new password. The process ensures that the password is changed successfully.

- ◆ Guest users have limited access; they can view nearby social media posts, share links to these posts, and view and share profiles of other users. However, guest users cannot open PDFs uploaded to other users' portfolios, nor can they like, comment on, or report posts. Additionally, they cannot follow other users or view the followers and followings of other users. This setup allows guests to explore the web app's basic functionalities while encouraging them to sign up for full access.
- ◆ The web app offers a range of features tailored to different types of users, including individual users and various types of business users such as realtors, developers, service providers, and building materials providers/stores.
- ◆ For individual users, the web app allows setting up a portfolio where they can add new assets. Users can enter the property name, select the property type, and provide detailed location information, including pinning the location on Google Maps. They can specify the property area, write a description, and upload multimedia content such as images and videos. Additionally, users can upload required property documents and enter both the purchase price and the current market price of the property. After confirming the post, users can view and manage all their assets through the "My Portfolio" section, where they can view asset details, see the profit/loss percentage and amount based on the current market rate, edit existing assets, or add new ones by repeating the process.
- ◆ For business users, the web app offers robust features to manage property portfolios, work projects, and store products. Users can create folders for property listings, enter detailed property information including title, type, location, and amenities, and upload multimedia content and documents. The "My Portfolio" section allows users to view, edit, and manage all property listings. Additionally, users can set up a work portfolio by creating projects with detailed descriptions, multimedia content, technical details, and budget information. The "My Work Portfolio" section provides an overview and management tools for all projects. For managing a store, users can

upload products with detailed descriptions, specifications, pricing, and multimedia, and manage their store inventory through the "My Store Products" section.

- ◆ The web app also includes robust social media features for users to upload and share content on their feed. Users can upload stories directly from their device storage. For videos, there are specific conditions: each video must be no longer than three minutes, in mp4 format, and not exceed 100 MB in size. The web app does not offer an editor for video content, so users must prepare their videos before uploading.
- ◆ For normal posts, users can upload only text up to 500 characters or upload it with up to 10 images, videos, or a combination of both, with each video adhering to the same length and size restrictions. Users can select multiple categories for their post and enter relevant tags. Additionally, users can link their post to an asset, property, product, or project from their portfolio by selecting the appropriate item. This integration enhances the visibility and connection of their uploaded content with their existing portfolio.
- ◆ The web app provides a feature to promote posts, allowing users to increase visibility and engagement. Users can view the benefits of promoting a post, such as having their posts appear at the top of the feed for users whose location and interests match the post's category and tags. They can select a post to promote, choose a promotion duration (a week, fortnight, or month), and make a payment via a payment gateway. The "My Promoted Posts" section displays all promoted posts with details such as promotion start and end dates. Users can renew promotions by making additional payments and track engagement metrics including reach, likes, followers gained, comments, shares, and the location of the most engagement.
- ◆ The web app also includes a feature for posting and viewing stories, which expire 24 hours after being posted. Users can view stories from other profiles, allowing for more dynamic and timely content sharing and interaction within the community. This feature enhances user engagement by providing a platform for short-term updates and highlights.

- ◆ When viewing an individual user's profile, users can see the following basic details: name, profile picture, and contact information. The profile also includes a list of posts made by the user and a portfolio showcasing their uploaded assets. Users have the option to follow or unfollow the profile, see the number of followers and followings, and send a message, which sends a message request to the user's chats. Additionally, users can share the profile with others or report it by selecting a reason and submitting it to the admin for review.
- ◆ The web app includes extensive features for exploring nearby businesses and professionals:
- ◆ The web app's "Explore Nearby Businesses" feature allows users to discover business users in their vicinity. Users can search for businesses, filter results by category, and view detailed profiles, including business name, category, profile picture, and contact information. The profile also displays the business's posts, property portfolio, work portfolio, and store products. Users can follow or unfollow businesses, view follower and following counts, send messages, and express interest by providing contact details and a note. Additionally, users can view average ratings, read feedback from others, leave their own ratings and feedback, share profiles, and report any issues to the admin.
- ◆ The web app's "Community" feature allows business profiles to create and manage communities. Users can enter a community title, select a category, provide a description, and upload a display picture. They can choose the security type: public (anyone can join and view members/posts but can't chat without joining) or private (membership requires approval). After saving, users can invite others by sharing the community link. The platform lists all communities, allowing users to search by name, category, or keywords and filter by category. Community pages display details such as title, display picture, category, description, and member count. Users can join communities, view and create posts, engage with posts through likes, comments, reports, and shares, and participate in community chats. For posts linked to assets/properties/products/projects, users can view detailed screens and the post owner's profile. The "My Communities" section lists joined and owned communities,

providing options to view posts, members, chat, edit details, manage members, handle join requests, delete communities, and transfer ownership.

- ◆ The web app offers a diverse range of features to enhance user engagement and provide valuable information:
- ◆ Blogs: Users can explore a list of blogs posted by others nearby, search by title, tags, or keywords, and filter by categories. When viewing a blog, users can see textual content and images, along with the blog's location and comments by other users. Users can add their comments, report the blog if necessary, and submit a reason for reporting to the admin. Additionally, users can create their own blogs by entering a title, uploading images, selecting categories and tags, optionally specifying a location, providing a description, and submitting the blog. The "My Blogs" section allows users to manage their uploaded blogs, including adding new ones or deleting existing ones.
- ◆ City Data and Insights: Users can access insights and data related to emerging real estate in various cities. The web app provides a list of cities for which data is available, allowing users to select a city and view relevant information uploaded by the admin.
- ◆ Daily News: The web app integrates with a third-party API to fetch news related to real estate. Users can browse a list of news articles and view details of each article as fetched from the API.
- ◆ The web app's chat feature facilitates communication between users, offering convenient ways to manage conversations:
- ◆ All Chats: Users can access a list of all their chats, displaying the names of the individuals messages were sent to or received from. This section serves as a central hub for managing ongoing conversations, allowing users to easily navigate and engage with their messages.
- ◆ Requests: In the requests section, users can view a list of chat requests they've received. For each request, users have the option to accept or reject it. Accepting a

request initiates a chat with the sender, enabling seamless communication between users within the web app's messaging system.

- ◆ The web app allows users to manage multiple profiles seamlessly with the "Create a New Profile" and "Switch Profile" features. When creating a new profile, users can choose a unique username and select the profile type (individual or business), filling out the required form accordingly. The "Switch Profile" function provides a list of profiles associated with the user's account, enabling users to select the desired profile and continue using the web app with that identity. This functionality facilitates tailored experiences for different purposes or roles within the web app.
- ◆ The "My Account" section provides users with tools to manage their profile and account settings effectively:
- ◆ Edit My Profile: Users can modify their profile information, such as name, contact details, and profile picture, ensuring their profile remains up-to-date and accurate.
- ◆ Change Password: Users have the option to change their account password for added security. They can enter a new password and confirm it to complete the change. Upon successful password modification, users receive a notification via email confirming the update.
- ◆ My Posts: This section displays a list of posts created by the user. Users can view details of each post and remove any posts they no longer wish to have on their profile.
- ◆ My Followings: Users can view a list of profiles they currently follow. For each profile, users have the option to view the profile, unfollow, send a message, or report it if necessary.
- ◆ My Followers: This section lists profiles that follow the user. Users can view each follower's profile, choose to follow back, remove followers, send messages, or report any concerning activity.
- ◆ The web app provides business users with tools to monitor their online presence and engagement through features such as "My Rating", "Leads", "Content Guidelines",

and "Notification Center". In "My Rating", users can view their average rating on the platform along with feedback comments and ratings received from other users. The "Leads" feature displays profiles that follow the user, along with engagement metrics on posts such as reach, likes, followers gained, comments, shares, and top locations of engagement. "Content Guidelines" outlines permitted content types on the platform, ensuring compliance with community standards.

- ◆ The "Notification Center" categorizes received notifications into business-related, social, new message requests, and community updates, providing users with a centralized hub for staying informed about platform activities.
- ◆ The web app prioritizes user privacy and legal compliance, offering essential functionalities and options:
- ◆ Privacy Policy: The web app provides access to its privacy policy, outlining how user data is collected, stored, and utilized within the platform, ensuring transparency and user trust.
- ◆ Terms and Conditions: Users can review and agree to the web app's terms and conditions, which govern the usage of the platform, outlining rights, responsibilities, and acceptable use policies.
- ◆ Delete Account: Users have the option to permanently delete their account. To initiate this process, users must enter their password and confirm the deletion. This action ensures users have control over their data and account presence within the web app.
- ◆ Log Out: Users can securely log out of their account, terminating their current session to protect privacy and ensure account security.

NOTE: If any functionality requires **THIRD** party **API** it will be provided by client and Promatics will integrate it into the project.

5. Administrative Panel

The back end of the web application will be power packed with an administrative panel to manage the updating of data at the front as well as the back end. Following are the key functionalities:

- ◆ **Individual Users Management**
- ◆ **Business Users Management**
- ◆ **Categories Management**
- ◆ **Chat Management**
- ◆ **Social Media Management**
- ◆ **Promoted Posts Management**
- ◆ **Community Management**
- ◆ **General Management**
- ◆ **Content Management**
- ◆ **Reports Management**

◆ Individual Users Management

- Admin will be able to manage the individual users on the system.
- Admin will be able to search the list of all individual users on the system.
- Admin will be able to add/remove the individual users from the system.
- Admin will be able to view the portfolio posted by the individual users in the system from the admin panel.

◆ Business Users Management

- Admin will be able to manage the business users on the system.
- Admin will be able to search the list of all business users on the system.
- Admin will be able to approve business profiles on the system.
- Admin will be able to view the e-KYC status of the business profile on the system.
- Admin will be able to filter the business profiles by type on the system.
- Admin will be able to add/remove the business users from the system.
- Admin will be able to view the portfolio posted by the business users in the system from the admin panel.

◆ Chats Management

- Admin will be able to view the list of all chats in the system from the admin panel.
- Admin will be able to add/remove the chats in the system from the admin panel.
- Admin will be able to search specific chats in the system from the admin panel.
- Admin will be able to manage the chats in the system from the admin panel.

◆ Categories Management

- Admin will be able to manage the property types, product brands, product categories/subcategories, and service types on the admin panel.

- Admin will be able to remove or add new property types, product brands, product categories/subcategories, and service types from the admin panel.

◆ Social Media Management

- Admin will be able to manage the posts made by users in the system from the admin panel.
- Admin will be able to view the list of all the posts and the interactions like, comments, like, and reports received on the posts in the system from the admin panel.
- Admin will be able to search the posts from list of products in the system from the admin panel.
- Admin will be able to remove the posts or comments on them in the system from the admin panel.
- Admin will be able to approve posts to get live on the web app from the admin panel.

◆ Promoted Posts Management

- Admin will be able to manage the posts promoted by the users from the admin panel.
- Admin will be able to view the promotion duration of each post on the admin panel.
- Admin will be able to manually promote a post for a certain duration on the admin panel.
- Admin will be able to view the total revenue generated from the promotions on the admin panel.
- Admin will be able to search and filter promoted posts by the users' names on the admin panel.

◆ **Community Management**

- Admin will be able to manage the communities created by the users from the admin panel.
- Admin will be able to view and search all the communities on the platform from the admin panel.
- Admin will be able to view the community members and have the power to remove any community member from the admin panel.
- Admin will be able to view all the community posts from the admin panel.
- Admin will be able to remove any community posts from the admin panel.
- Admin will be able to delete any community from the admin panel.

◆ **General Management**

- Manage Terms and conditions
- Manage Privacy Policy
- Manage Contact Us

◆ **Content Management**

Admin will be able to show/hide selected items in the system. The admin will be provided a rich interface editor which will enable him to edit the content in English and Finnish languages on the system.

◆ **Reports Management**

Admin will be able to generate reports in a printable format for the following:

- List of Individual Users
- List of Business Users
- List of Categories

The admin will be able to apply filters date wise, name wise.

The admin will be able to export the reports in other formats like excel, csv.

NOTE: If any functionality requires a **THIRD** party **API** it will be provided by client and Promatics will integrate it into the project.

6. Standardizations

Testing Standards

We make sure each of our services undergoes rigorous testing so that it becomes 100% free of bugs. All the standard methods of white and black box testing are in place to achieve this feat. We:

- ◆ Prepare the test cases based on design and functionality.
- ◆ Ensure a cosmetic bug test before delivery.
- ◆ Test the embedded links exhaustively to make sure no errors are there.
- ◆ Validate all Web Applications.
- ◆ Implementing Cascading Style Sheets (CSS) for each of the Web Application.
- ◆ All code will be compliant to W3C.
- ◆ Test the Web Application on different OS versions.
- ◆ Test the Web Application on different screen sizes and resolutions.
- ◆ Perform all security functional and logical testing.

Delivery Standards

Promatics would promise to deliver the final project in the following ways:

- ◆ Directly hosting on to servers mentioned by Client and deploys the web application and database.
- ◆ A document briefing all details of the files and Database structure will be released after the final payment.
- ◆ Deliver the complete source code along with the database structure scripts via Gitlab/Github or any other cloud storage application.
- ◆ All copyrights to the web application will be held by Client.

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7. Technology & Performance

Technology Stack

Web App/Web Admin Panel :

React/Next.js, ECMAScript 11, Bootstrap4 and Materialize for modern responsive front-end framework based on Material Design Redis.

Web Services/ RESTFul APIs :

Node 14.17.1, Express 4.17.1 (Node JS Framework focuses on high performance and Robust routing), and JSON for RestFul APIs/ WebServices, Socket.io 3.1.1 for real-time bidirectional event-based communication, Redis 6.2.0 (used as a data structure server and for cache since it's super fast due to the fact that the data is stored "in-memory") for faster retrieval of data from database.

Database: MongoDB

For Push Notifications: Firebase SDK

For Email Notifications: G-Suite SMTP

Web Server: Apache 2 for deployment

Proposed SMS Gateway: Text Local

Proposed Payment Gateway: Razorpay

For e-KYC: Aadhar KYC API

For location pinning: Google Maps API

Proposed Cloud Server for going live: Amazon Web Services with SSL

Security Stack

- ◆ Blowfish (bcrypt)
- ◆ SHA1
- ◆ MD5

- ◆ Firewall Protection for Cross Origin
- ◆ Proxy Pass, SSL and TLS
- ◆ HTTP 2.0
- ◆ Token authentication using Passport/JW

NOTE: To verify that the posts posted by the users are related to real estate business, the posts will first go through a manual admin verification process before getting published live on the web app.

Reasons for choosing the above technology stack

We are obliged to deliver you high performance web applications that are functionally excellent and carry immersive user experience. The above listed tools provide us the resources to do that. These technologies are used by tech giants and have time and again proved their mettle. They power unicorns and are responsible for almost all successful and popular web applications you use and know. They are secure, reliable as well as cost effective in building cutting edge web applications which are second to none.

Regarding Post Project Support

Promatics shall give a warranty for all its code, provided a third party does not alter the same. Any bugs shall be addressed absolutely free of cost until it does not involve adding new modules that will be billable. Warranty Web Application for **THREE Months** from the date of completion of the project shall be valid only after clearance of full and final payment of the project.

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8. Delivery Schedule

Modules	Weeks	Key Deliverables
1	0-2	Knowledge transfer, Working on the layout, Working on the functional requirements, Locking in the database design,, Workings on Specific requirements.
2	2-5	Development of web app content for Users: Splash Screen, Walk through Screens, Sign Up/Create your account, For individual, Create a unique username, Enter your first name, Enter your last name, Enter email, Enter mobile number, Generate verification link over the phone number/email, Verify link/Confirm link, Continue (Users account will be created and user will receive the confirmation over the mail address for successful account creation), For business, Create a unique username, Select business type from the list of available options, Business name, Owner name, First name, Last name, Select business category, Select subcategory, Business address, Pin your business location on Google map (Google maps API required from the client) , Select country, Enter your city , Enter your province, Enter your zip code, Enter your phone number/email address, Enter years of experience, Upload verification documents, Generate verification link over the phone number/email, Create password, Verify link/Confirm link, Continue (business account creation request will be sent to the admin and until admin approval, the account will not be created), e-KYC verification (aadhar KYC API required from the client), After Signing Up, Set profile picture, Do you wish to make your profile private?, If yes, Your profile posts and portfolio will not be visible to the people that do not follow you on the web app, Select purpose of your visit, Select one from the available options, Select the categories you are interested in,

		<p>List of categories, Select multiple (at least 5), Proceed, Sync your contacts (this feature can only be available on mobile application), Allow the app to access contacts data from the device, Show suggestions of people on the app you may know from your contacts, Enable two-step verification (using biometric security) (this feature can only be available on mobile application), Allow app to access device's biometric data, Face ID (for iPhone), Fingerprint (for Android), Social Sign Up, Google , Facebook, The social signed-up users will be by-default individual users but can later be converted to business profile, Sign In, Enter registered email address or your username, Enter password, Or, Enter mobile number, Enter OTP, Or, Use Google/Facebook account to sign in, Forgot password, Enter registered email, Visit the password reset link received in the email, Reset password, Enter new password, Confirm password, Submit, Password changed successfully, App Tour (this feature can only be available on mobile app), Dynamic app tour highlighting the app's features depending on the user type using the app, Guest User, Can only view nearby social media posts, share links of the posts, view profiles of each type of users and share their profile links, Can not open PDFs uploaded by another user to their portfolio. Can not like/comment/report on a post. Can not follow any other user. Can not view followers or followings of other users, Individual User, Set up portfolio, Add a new asset, Enter the property name, Select the property type, Location, Pin location on Google maps (Google maps API required from the client), Enter the location (locality, city, state, PIN code, country etc.), Enter the area of the property, Enter description of the property, Upload multimedia, Upload images and videos, Confirm posting, Upload documents, Upload required property documents, Property value, Enter the purchase price, Enter the current market price, Add more assets by repeating the</p>
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		above method, My Portfolio, List of all the assets added by me, View asset details, View P/L percentage and amount on your assets as per the current market rate, Edit an asset, Add new asset with corresponding admin panel.
3	5-10	Development of web app content for Users: Business User, Set up property portfolio, Create a folder, Enter the name of the folder (the folder name could be the society's name), Create a property listing inside a folder, Basic details, Property Title: A concise, descriptive title (e.g., "Spacious 3-Bedroom Apartment in Downtown"), Property Type: Options like house, apartment, condo, townhouse, commercial property, land, etc., Listing Type: For sale, for rent, or lease, Location Details, Address: Full street address, City: City or town name, State/Province: State or province, ZIP/Postal Code: ZIP or postal code, Country: Country, Property Details, Square Footage: Total area in square feet or meters, Number of Bedrooms: Total number of bedrooms, Number of Bathrooms: Total number of bathrooms, Number of Floors: Total number of floors, Year Built: The year the property was constructed, Lot Size: Total land area in acres or square feet/meters, Interior Features, Flooring Type: Hardwood, carpet, tile, etc., Heating/Cooling: Types of heating and cooling systems, Kitchen Features: Appliances included, counter-tops, cabinetry, Laundry: Laundry facilities and type (e.g., in-unit, shared, washer/dryer included), Additional Rooms: Home office, basement, attic, etc., Exterior Features, Exterior Materials: Brick, siding, stucco, etc., Roof Type: Type of roofing material, Parking: Garage (number of cars), carport, street parking, etc., Yard: Description of the yard or garden space, Fencing: Type and extent of fencing around the property, Amenities and Special Features, Pool: Type of pool (if any), Gym: Onsite gym or nearby fitness facilities, Security: Security systems, gated community, etc.,

		<p>Accessibility Features: Features like wheelchair ramps, elevators, etc., Nearby Facilities, Schools: Proximity to schools and their ratings, Public Transport: Nearest public transport options, Shopping and Dining: Nearby shopping centers, restaurants, and cafes, Parks and Recreation: Nearby parks, trails, and recreational facilities, Multimedia, Photos: High-quality images of the property (interior and exterior), Videos: Video tours of the property, Virtual Tours: 360-degree virtual tour or VR experience, Floor Plans: Detailed floor plans of the property, Description, Property Description: A detailed, engaging description of the property, highlighting key features and unique selling points, Upload PDF (property documents), Property value, Enter the current market of property, My Portfolio, List of all the folders created, Open a folder and view list of all the properties listed, View property details, Edit a property, Add a new property, Create a new folder, Set up work portfolio, Create a project, Basic details, Project title, Project description, Project type, Location, Duration, Start date, Completion date, Duration in weeks, Multimedia, Before images/videos, After images/videos, Work in progress images/videos, Technical details, Materials used, Tools and equipment used, Techniques used, Budget, Overall budget of the projects, Upload PDF, Repeat the above steps to create more projects, My work portfolio, List of all the projects created, View project details, Edit a project, Remove a project, Set up store, Upload a product, Basic Information, Product Name, Select category, Select subcategory, Detailed Description, Product Description, Specifications, Technical Details, Select brand, Pricing Information, Multimedia, Upload images/videos of the product, Upload PDF, Repeat the above steps to keep on adding more products, My store products, List of all the products added by me to the store, View a product, Edit a product, Remove a</p>
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		<p>product, Upload content on social media feed, Upload story, Upload from device storage, Video conditions: , The video should not be more than 3 minutes in length., The video format should be mp4., The video should not be more than 100 MB in size., There will be no editor offered on the platform to make changes to the video to be uploaded before posting. The user must prepare the video off the platform and use the platform to just upload the ready-video., Normal post, Enter text (only text can be uploaded without any images/videos) (text up to 500 characters), Upload image(s) upto 10, Or, Upload video(s) upto 10 where each video can not be longer than 3 minutes and more than 100 MB in size., Or, Upload combination of images and video upto 10, Select category of the post (can be multiple), Enter the tags for the post, Select if the post is linked to an asset/property/product/project you own, Select one of the items from your portfolio, Daily News (Third party API for fetching news required from the client), List of news related to real estate, View news details (as fetched from the API), Chats, All chats, List of all chats, Name of the person message sent to, Name of the person the message received from, Requests, List of chat requests received, Accept/reject chat request, Create a New Profile, Create unique username, Select profile type (individual or business), Fill in form for the new profile creation as per the profile type, Switch Profile, List of profiles created under your account, Select the profile which you want to use and continue with, My Account, Edit my profile , Change password, Enter a new password, Confirm password, Change password (user will receive notification on his mail for changed password), My Posts, List of posts made by me, View post details, Remove a post, View insights (only for business profiles), My Followings, List of profiles I follow, View profile, Unfollow, Send message, Report, My Followers, List of profiles</p>
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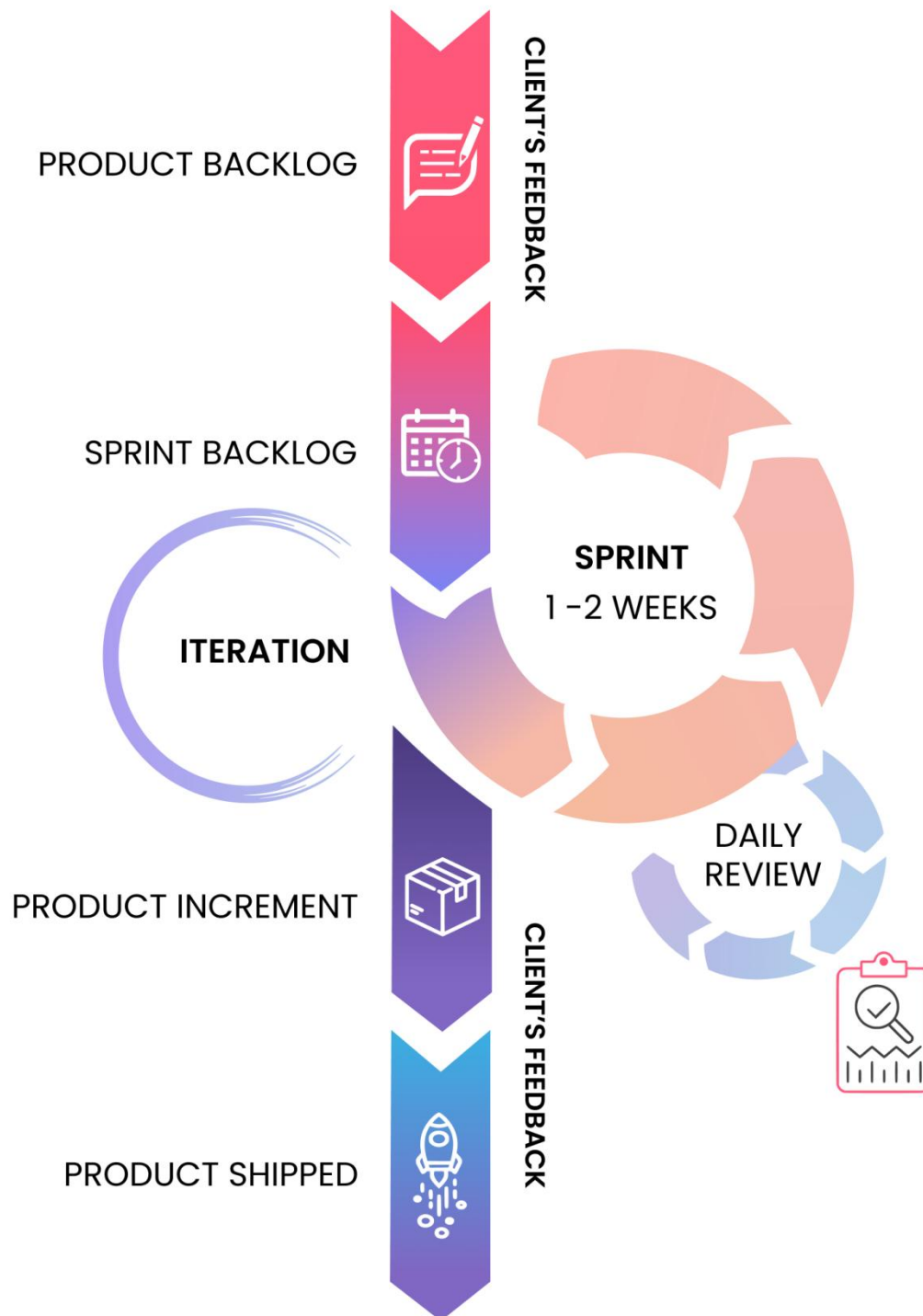
		that follow me, View profile, Follow back, Remove from followers, Send message, Report, My Rating (for business users), My average rating on the platform, List of feedback comments and ratings received from other users on the platform, Leads (only for business users), List of profiles that follow me, Engagement on post, Number of users reached, Number of likes, Number of followers received through the post, Number of comments, Number of shares on the post, Most reach collected by location (country), Content Guidelines, Guidelines on what type of content is permitted to be uploaded on the platform, Notification Center, List of notifications received separated by the types, Business, Social, New message requests, Community, Privacy Policy, Terms and Conditions, Delete Account, Enter password, Confirm deletion, Log Out with corresponding admin panel.
4	10-15	Development of web app content for Users: Blogs, List of blogs posted by other users nearby, Search by title, tags, keywords, Filter by categories, View blog, Images and textual content, Location of the blog, Comments by other users, Add a comment, Report blog, Select reason for reporting, Submit to the admin, Create a blog, Enter title, Upload images, Select category, Enter tags, Select location (optional), Enter description, Upload, My Blogs, List of all blogs uploaded by me, Add a new blog, Delete an existing blog, City Data and Insights, List of cities for which data is available, Select a city, View insights and data related to emerging real estate in the city (uploaded by the admin), Promote a Post, View benefits of promoting a post, The promoted posts appear on the top of the feed of a user if your location is within the other user's location, and the interest of the user matches the category of the post's owner's profile, and/or the tags associated with the post, Select a post you want to promote from your uploads, Select duration for which you want to promote your post,

		<p>A week, A fortnight, A month, Amount to pay to promote the post as per your selected duration, Make payment (payment gateway required from the client), Post promoted, My promoted posts, List of all the promoted posts, Post details, Promoted on (date), Promotion ending on (date), Renew promotion, Make payment to renew promotion on a post, Engagement on promoted post, Number of users reached, Number of likes, Number of followers received through the post, Number of comments, Number of shares on the post, Most reach collected by location (country), Social Media Feed, General posts, A list of posts by users/stores near you curated according to your category interests selected during signing up, View post, Like, Comment, Report, Share, If a post is linked with an asset/property/product/project, View detail screen of the asset/property/product/project, View the profile of the post owner, Stories (expires in 24 hours of posting), View other profiles' stories, View an Individual User's Profile, Basic details, Name, Profile picture, Contact information, Posts, List of posts made by the user, Property portfolio, List of assets uploaded by the user, Follow/unfollow, Number of followers, Number of followings, Send message, Message request sent to the user under chats, Share profile, Report, Select reason for reporting, Submit to the admin, Explore Nearby Businesses, List of business users near your location, Search business users , Filter by category, View business user, Business details, Business Name, Business category, Profile picture, Contact information, Posts, List of posts made by the business user, Property Portfolio, List of properties uploaded by the user, Work portfolio, List of projects uploaded by the service provider, Store products, List of products uploaded by the store, Follow/unfollow, Number of followers, Number of followings, Send message, Message request sent to the store under chats, Express interest, Select your reason for expressing interest,</p>
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		<p>Enter your email address (auto fetched from your profile but editable), Enter your mobile number (auto fetched from your profile but editable), Type a note (optional), Submit, Rating and feedback, Average rating received by the business, All the feedback comments added by other users, Rate this profile and leave your own feedback, Select rating in stars, Type feedback and submit, Share profile, Report, Select reason for reporting, Submit to the admin, Community, Create a community (only for business profiles), Enter community title, Select community category, Enter description of the community, Upload community display picture, Security type, Public (anyone can join the community and view the members/posts inside the community but can not chat without first joining), Private (users will have to join and be accepted by the community owner. And, only community members can view other members and posts inside the community), Save, Invite people, Share the community link with other users, List of all the communities created on the platform, Search a community by name, category, keywords, Filter communities by category, View community, Community details, Title, Display picture, Category, Description, Number of members, View members, Join community, Community posts, Create a post in the community, Enter text (only text can be uploaded without any images/videos) (text up to 500 characters), Upload image(s) upto 10, Or, Upload video(s) upto 10 where each video can not be longer than 3 minutes and more than 100 MB in size., Or, Upload combination of images and video upto 10, Select category of the post (can be multiple), Enter the tags for the post, Select if the post is linked to an asset/property/product/project you own, Select one of the items from your portfolio, View list of all the posts in the community, View post, Like, Comment, Report, Share, If a post is linked with an asset/property/product/project, View detail screen of the</p>
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		asset/property/product/project, View the profile of the post owner, Community chat, Chatroom for community members only, My communities, List of communities I have joined, View community, Posts, Other members, Chat, List of communities I own, View community, Edit community details, View members, Remove members, New member join requests, Accept / reject, Delete community, Handover the community ownership to another community member with corresponding admin panel.
5	15-16	Exhaustive testing, Ensuring mobile device compatibility, Final delivery.

9. Agile Process Flow



10. Requirements from Client

Promatics would require the following from **Client**. This information would be solely used for the project purpose.

- ◆ Detailed document in case any more features need to be added on the web application.
- ◆ Point of contact to discuss the updates on a daily or a weekly basis as preferred by Client.
- ◆ Any proprietary images, content and any other assets that are require for the development of the web application.

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11. Promatics' Commitment

Promatics' deliverables catering to web application design & development space are as follows:

- ◆ Fully functional site with the aforementioned deliverables.
- ◆ ETA of the project would be **16 weeks**. Further changes in the deliverables may extend or reduce the ETA.
- ◆ Promatics works on a strict schedule and promises to deliver as per the agreed time frame. However, we take a standard deviation of 10% due to force majeure.

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12. Location of Work

The complete development process will be carried out of the development center of **Promatics** in Ludhiana, INDIA. The center is situated in Punjab, North India which is the one of the most prosperous state of INDIA.

13. Progress Reporting and Communication

We will be available for conference with you anytime and you can reach us to discuss regarding the project through any means apart from this we will be giving a formal weekly report on the progress of the project and the status via e-mail.

14. Engagement Model

Promatics has a GLOCAL engagement model that helps derive maximum value for our Clients and provide maximum return on their investments. The Engagement Model formulated **Client** is as follows:

|| Intellectual Property ||

Promatics guarantees high level of protection of information and intellectual property of its Clients and ensures a zero information leakage mechanism. This is also a part of our ISO and CMMi certification (Undergoing) process.

|| Software Ownership ||

Client would own the copyright on the web application / service developed as a whole. Copyright ship is valid only after the full payments have been made and **Promatics** hands over a copyright release document to **Client**.

|| Systems & Processes ||

Promatics has highly evolved systems and processes for project management, work-flow management, time sheet management, bug tracking, milestone tracking, project execution and reporting and Client communication. **Promatics** is currently ISO 9001:2008 quality certified.

|| Warranty Period and Maintenance ||

Promatics shall give a warranty for all its code, provided a third party does not alter the same. Any changes or bugs shall be addressed absolutely free of cost until it does not involve adding new modules which will be billable. Warranty shall be valid only after clearance of full and final payment of the project for a period of **3 Months**.

|| Terms and Conditions ||

- i. Deliverables listed in the proposal above will be referred to during the development of the project. Any new features, additional modules, major changes in work flow or any other element which is out of scope as per the above will attract a fresh ETA and quote which will be submitted separately by Promatics.
- ii. All content, images, texts, videos, Third party integration, services, API, Plug-in etc. information will be provided by the Client. If any of those attracts any cost to be acquired, same will be borne by the Client.
- iii. Promatics is not liable to write or publish the content on the project.
- iv. Promatics is not responsible for the delay of the project if the necessary information required by the Client like API's information, third party plug-ins, Payment gateways and shipping gateways info etc. is not provided timely by the Client.
- v. Promatics will provide design concepts as per the client's request for Design work and there will be revisions which can be done as per Client's remarks.
- vi. Promatics is not responsible for the delay caused by the malfunctioning of any third party software integrated with the project.
- vii. General features not described in detail will carry out as per industry standards and will be supported by open source scripts like for Google Ad Management, Email Management, Content Management, Newsletter Campaigns and Other features like live support chat like Tawk.to.
- viii. Domain Registration & Hosting Server for the installation of final product will be bought by the Client and provided to Promatics.
- ix. Client will ensure that the hosting server provided is compliant to the requirements for hosting server provided by Promatics.

- x. The quote is valid for 30 days from the date of receiving the Proposal.
- xi. The onus of delay in project delivery will rest on the client in case the client: a) does not reply to all communication sent by Promatics within 48 business hours max b.) goes on a long period of absence c.) deviates from the agreed scope of work in form of change request or additional features.
- xii. All source code will be handed over to the client or shifted to client servers after full and final payment to Promatics.
- xiii. If any portion of the payment is received by Promatics after the payment due date as set forth above, or if any portion of the payment is received by Promatics in funds that are not immediately available, then a late payment penalty shall be due to Promatics. The late payment penalty shall be the portion of the payment not received by the payment due date multiplied by a late factor. The penalty will not levied in case there is delay from Promatics in the project.
- xiv. If a client provides a server from AWS, one should make sure we have root credentials not IAM users. If a client provides a cpanel then should make sure we have a dedicated server not the shared server. Shared server is fine if we only have a website and admin not the mobile apps.
- xv. Domain is necessary to make the website/app live, only we need DNS management access of the domain. It is always preferred not ask to make project live on IP address.
- xvi. SSL certificates are also important to deploy the project on live server. There are two types of SSL certificates: free and paid. Kindly confirm it from the client side which SSL they want to use on their server as free SSL certificates are not secure as much. Kindly do not ask developers or Network Administrator to use free SSL certificates from your end, it is preferred to first ask the clients which they want to use.

- xvii. If any project only have admin panel and mobile apps but not the website then we need to make static landing page with terms and conditions as it is mandatory when we make apps live on their platforms.

|| Proposed Team for the Project ||

The proposed team to achieve the deliverables in a time span of **16 business weeks** comprising of 40 hrs / week is as follows

Junior Programmers	3	Full-Time
Senior Programmers	2	Full-Time
Testing / QA Engineer / Analyst	1	Part-Time
Project Manager	1	Full-Time
UI/UX Designer	1	Part-Time

|| Payment Schedule ||

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	Amount (INR)	Percentage	Milestones (Delivery Schedule)	Time
1)	2,40,000	25%	Upon Initiation	Signing of contract
2)	2,40,000	25%	1 st & 2 nd Modules	5 Weeks from start
3)	2,40,000	25%	3 rd Modules	10 Weeks from start
4)	2,40,000	25%	4 th & 5 th Modules	16 Weeks from start

**Client will release the payment after the milestones have been completely tested on Promatics' test servers.*

Promatics would provide web application design and development to **Client** for **INR 9,60,000 +GST**.

Please Note The Following:

1. If you wish to automate the verification process for image and video posts related to real estate, we suggest integrating the GPT-4 API with Azure Visual. Please note that the client must provide both the API and an Azure account for this integration. This additional implementation will require an extra **4 business weeks** and will incur a cost of **INR 3,60,000 +GST**.

2. If you want both the web application and the hybrid mobile applications for Android and iOS devices, then that will take a total of **18 weeks** of E.T.A., a cost total of **INR 14,40,000 +GST**. Please note that this does not include AI implementation. The extra cost for AI integration remains fixed as aforementioned.