

PROJECT PROPOSAL 2023

Dating App



Welcome!!

TECHGROPSE



**“We believe success
will come from passion and hard work**



Greetings from TechGropse



It's a pleasure to get into the process of project development. We are very pleased and honored to have a valuable opportunity to be your Technology Partner for your product development. We promise you that we will work diligently to provide the best possible outcome and experience. We thrive to provide a seamless development experience and produce the right quality of product as per your business model.

Regards,
TechGropse Pvt. Ltd.
Do you Think We Deliver

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1. About TechGropse



TechGropse Pvt. Ltd. is a world-class producer of advanced websites, mobile applications, and Internet marketing. Individuals with varied educational and technical skills are here to serve our clients at the best rate.

We have assembled a team of the best and brightest minds in software development, marketing, and leadership, giving our clients access to the most cutting-edge technology. You can rest assured you're in good hands, as we have years of experience in both Android and IOS app development.

TechGropse Pvt. Ltd constantly analyses market needs around the world to develop a full range of web products for business, industry, education, and healthcare use. TechGropse Pvt. Ltd is constantly working towards more advanced web development and applications technology with the promise of an even brighter future, a future that will provide greater opportunities and more rewards for our global associates while providing a better service to our clients.

2. Business Idea



We are living in the age of connectivity, and that means more things than ever before are right at your fingertips — literally. With one press of the button, one swipe left or right, you can open up new worlds in seconds. For a quick start, doing business online will be your best bet. As long as you have a connection to the internet and a device, you can start your business from anywhere, even from your couch!

The main objective of this project is to provide a payment application where the users can see the profiles of other users. The users can see the contact details uploaded by other users. The users can also see the list of all the users uploaded by the activists and can see their details.

The users can directly share their details with the activists to post on their behalf. The users can refine the list on the basis of Men and women and can see the list of the users accordingly.

3. System Functionality

“ We always provide the best strategies & solution for our clients

This system will have two stakeholder:

1. **Users** - The users will be able to see the profile details of other member on the application.
2. **Admin** - The admin will be the owner of the system and will manage the system.

Platforms for stakeholders:-

Users	Admin
Android Application	--
iOS Application	--
--	Web Panel

System Functionalities for “The Users”

1. Splash Screen

The splash screen will have the name, logo, and tagline of the application. This will be the first screen of the application that will be open when the users will tap on the application icon.

2. Tutorials Screen

After 2-5 sec of the splash screen, the users will have the tutorial screen. There will be 2-3 text tutorial screens that will show how the app works.

3. Welcome Screen

This screen will appear after the tutorial screen. On the Welcome screen, the users will be able to see the following options:

3.1. Register

3.2. Login

4. Registration

4.1. The registration process will be very simple in the proposed application. The users can do the registration using their Mobile Number and will have to enter the details, which are mentioned below:

→ Full Name

→ Email-Id

→ Mobile Number

→ Password and Confirm Password

5. Verification

5.1. The users will receive an OTP on the given Mobile Number. The users will have to enter the OTP for the verification process. 4-digits OTP will be received.

5.2. Resend OTP button—after 60 seconds, the resend button will get enable and on clicking on it, a new OTP will be received by the users.

6. Subscription Plans

6.1. The users will have to purchase a subscription plan to use the app.

6.2. The users will be able to see the list of subscription plans available on the app.

6.3. On clicking on any of the subscription plans, the users will be able to see the details of the subscription plan.

7. Payment

- 7.1. The users will have to make an online payment to purchase the subscription plan.
- 7.2. A third-party payment gateway will be integrated into the system for online payment.

8. Complete your profile: The users will have to complete their profile by entering the following details:

- 8.1. Full Name
- 8.2. Mobile Number
- 8.3. Email ID
- 8.4. Age
- 8.5. Gender
- 8.6. Relationship Status
- 8.7. Height
- 8.8. Weight
- 8.9. Occupation/Education
- 8.10. Description
- 8.11. Upload Picture(s)
- 8.12. **Select Gender:** The users will have to select gender as per their choice out of Men and women.

9. Questionnaire Form: The user has to fill out question in questionnaires form.

10. Login

The users can log in using their log-in credentials i.e. registered Mobile Number and Password.

11. Forgot Password

- 11.1. In case of a forgotten log-in password, users can reset their password using their registered Mobile Number. The users need to enter their registered Mobile Number and then the system will send an OTP on the registered Mobile Number.
- 11.2. After the Mobile Number verification, the users will have to set a new password for the further log-in process.

12. **Home Screen** - The home screen of the application will be very attractive and simple to use for better user interaction. The user will have multiple options on the home screen which will help the user to use the application easily.
 - 12.1. The users can see the list of members under matching algorithm.
 - 12.2. **List of Members Matching Algorithm**
 - 12.2.1. The users can see the list of all the members under different labels based on their responses to an in-app questionnaire.
 - 12.2.2. The user can unlock new modes in member' profiles, triggering different matching algorithms
 - 12.2.3. On clicking on any of the members, the users can see the details of the selected member.
 - a. The user can Swiping members' profiles
 - b. The users can dislike or like member profiles
 - c. The users can hide or report member profiles
 - 12.3. **Chat:** The users can chat with the members and communicate with each other in a manner like text messaging but within an app.
13. **Unlock Likes:** The users can unlock their likes from other members by purchasing the subscription plan.
14. **Notification:** The users will get notifications for the following:
 - 14.1. The users will be notified when they purchase a subscription plan.
 - 14.2. The users will be notified when their payment will be successfully made.
 - 14.3. The users will be notified when they receive messages from other users.
 - 14.4. The users will be notified when they receive Likes etc.
 - 14.5. **Side Menu:** In this section, the users will have the following sections:
 - 14.5.1. **My Profile:** The users will be able to edit and update their profile details.
 - 14.5.2. **My Subscription Plan**
 - a. The users will be able to see their current plan along with the plan details and expiry date.

System Functionalities for “Admin”

1. Login

The admin can log in to the panel using their log-in credentials.

2. Forgot Password

2.1. In case of a forgotten log-in password, the admin can reset their password using their registered Email ID. The admin needs to enter their registered Email ID and then the system will send an OTP to the registered Email ID.

2.2. After the Email ID verification, the admin will have to set a new password for the further log-in process.

3. Dashboard

The admin can manage the entire system with the help of the dashboard. The admin will have multiple options on the dashboard like:

3.1. Logo: The admin can see the logo of the company on the top of the dashboard.

3.2. Statistics: The admin will see the statistics on the dashboard like total users, total complaints, etc.

3.3. Users Management

3.3.1. The admin can see the list of registered users with short details like name, email ID, mobile number, etc.

3.3.2. The admin will view the details of the users by clicking on any specific user.

3.3.3. The admin can enable/disable any users if the users are doing any suspicious activity.

3.4. Questionnaire Management

3.4.1. The admin can see a list of questionnaires available on the system.

3.4.2. The admin can edit/update and delete the challenges.

3.4.3. Add New Questionnaire: The admin can add a new questionnaire by adding the questions.

3.5. Transaction Management

3.5.1. The admin will be able to see the list of all the transactions done by users and suppliers for the different subscription plans.

3.5.2. The admin can see the details of any transaction by clicking on it.

3.6. Subscription Plan Management

- 3.6.1. The admin can see a list of subscription plans available on the system for the users.
- 3.6.2. The admin can see the details of the subscription plan.
- 3.6.3. The admin can edit/update the price of any of the plans.
- 3.7. **Notifications:** The admin will get notifications for the following:
 - 3.7.1. The admin will be notified when the user purchases a subscription plan.
 - 3.7.2. The admin will be notified when the user makes the payment successfully etc
- 3.8. **Help & Support Management**

The admin will see the list of the queries sent by the users and will revert to them with the help of email.
- 3.9. **Content Management**

The admin can see the content like about us, contact us, privacy & policy, terms & conditions etc. and can update the content over the system from this section.
- 3.10. **Logout:** The admin can log out from the system.

4. Our Process

The project is divided into different phases and each phase has a certain timeline to complete the phase. We give a certain time to the client for the feedback of every phase, without the approval of the previous phase; the company won't be able to proceed for further phases. After the feedback on the current phase, our development team first works on feedback further to move on to another phase. Testing and bug fixing will be implemented simultaneously in every phase.

We will follow the Scrum agile process that allows us to focus on delivering the highest business value in the shortest time. Including more collaboration with the client's feedback makes the project a big success.



Discovery

We work with clients to understand their business and their initial concept with everything the TechGropse team knows. We'll assess the possible challenges and identify the ways to overcome them.



Features and Architecture

We establish what features go into the product and how they will work together. Here, we're drafting a skeletal framework for the project in the form of wireframes.



Design

When it comes to first impressions, it's all about design. We'll put our passion for good design to work and based on approved wireframes we'll design all screens.



Development

The development process is broken down based on feature sets. Our agile-based development process will allow you to regularly review and assess what we're building. In this phase, our programs or database developer is brought on to do the major work on the project.



Quality Assurance

Our Quality Assurance team will test the product and prevent mistakes or defects in developed products and avoid problems. Another part of this phase is verification and validation, both of which will help ensure the program's successful completion.

**Launch**

After passing the final round of QA and refinements, we'll have in our hands a release candidate build. We will deploy the app to the App Stores.

**Maintenance**

The end of the project life cycle at TechGropse Pvt. Ltd does not just end with the sign-off of the work order. We care about your success and ability to gain the highest level of value from your product, so we stay with you for a period of time to support your product in case complications arise.

5. Research Methodology

Being a consulting provider, we make sure we cover as many data points that can put us at an optimum level of understanding and back every granularity of the requirement. Depending on the type of project our approach is defined and practiced for research.

- a. Brainstorming sessions with the clients as well as within the teams during the implementation phase.
- b. User stories/User journey and persona creation.
- c. Complete functional flow diagrammatic approach.
- d. We do follow a few journals and white papers to understand the potential volume and behavior of the end-users.
- e. To understand social data, we use Google and Facebook analytics.
- f. As a traditional approach, we follow communication mediums like emails/messaging/calls to capture data points by norms of a questionnaire (not exhaustive though)

**** We do not perform exhaustive primary research.**

6. Technology & Software Requirements

For the development of this project, the following software requirements have been considered.

Software Specification	Android/iOS	Web	Backend	API	Database	Design
Language	React Native	React JS	Node JS			
IDE	Visual Studio					
Making Design	Responsive	HTML5, CSS3, JQuery				
For API Calling	Axios			Node JS		
Design Tools						Wireframing using Axure RP, Adobe PS CS-6, Illustrator, and Figma
Frontend Framework		Bootstrap 4	React JS			
Backend Framework			Express JS			
Database					Mongo DB	

7. Timetable

Team Engagement	Analysis Phase	Implementation Time 14 - 15 Development weeks			
		Weeks 1 - 3	Weeks 4 - 8	Weeks 9 - 12	Weeks 13 - 15
Project Management					
Project Manager					
Analysis and Designing					
Sr. BA & UI/UX Designer					
Frontend Development					
Sr. Frontend Developer					
Backend Development					
Sr. Backend Developer					
Quality Analysis					
Sr. Quality Analyst					

8. Development Pricing

The below table depicts the budget of the project according to the time taken to complete a certain phase and technology.

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Development Pricing:

- For Users: Android mobile application,iOS mobile application
- Admin: Web Panel

PHASES	PRICE (USD)
Phase One: Project Development	25% of the Total Cost i.e. USD 4,490
Phase Two: Project Development	25% of the Total Cost i.e. USD 4,490
Phase Three: Project Development	25% of the Total Cost i.e. USD 4,490
Phase Four: Project Development	25% of the Total Cost i.e. USD 4,490
TOTAL DEVELOPMENT PRICING	USD 17,960

**Note

- a. All the third-party services will be purchased by the client for which the client will bear the cost as it's not included in the given cost above. Third-Party like SMS Gateway, Payment Gateway, etc.
- b. Once the project is in the development process, any changes in functionality/flow will be considered through the change request process.

9. Support and Warranty

a. Standard Support

This is the support phase where we take care of the bugs, which may be raised after the final release and reported by system users. After the deployment of the system, **03 months** of free bug removal support will be provided. Resolution to bugs specific to hardware or devices or Operating systems not to be considered as part of the warranty.

b. On-going Maintenance and Upgrade

After completion of free **03 months** of support, the client can sign a separate contract for ongoing maintenance and support wherein TechGropse may charge a fixed fee on a monthly or yearly basis which is depended upon project complexity, nature of work, project size & magnitude, risk areas covered and service offered, etc. We assign specific numbers of hours towards development/upgrades/bug-fixing & maintenance.

10. About Team

Role	Responsibility
Chief Technical Officer	<ol style="list-style-type: none"> 1. Developing the project strategy for using technological resources. 2. Ensuring technologies are used efficiently, profitably, and securely. 3. Monitor KPIs and IT budget to access technological performance. 4. Build quality assurance and data protection processes.
Delivery Head	<ol style="list-style-type: none"> 1. To assign the team members for the project who will work on the project and complete it. 2. To allocate the project manager for the project. 3. To get weekly or daily reports from the project manager and share the project status with the client. 4. Having time-to-time meetings with the project team and providing guidance and motivation to the teammates and providing solutions for the problems.
Project Manager	<ol style="list-style-type: none"> 1. Overall accountability for delivery and execution of the project. 2. Project Planning and Execution – Communication planning, scheduling, Manage Resource Requirements, and Process Adherence. 3. Project Tracking – Timelines, Budget, Resource Burnout, and Reporting. 4. Participate in reviews and workshops to detail and manage requirements 5. Risk Management
Graphic Designer	<ol style="list-style-type: none"> 1. Develop wireframes based on client input. 2. Design graphic components working with the client & understand the scope of the - project.
Front-end Developer	<ol style="list-style-type: none"> 1. Develop UI components working with the client & understand the scope of the - project. 2. Ensure the developed product design matches the design aspects of the client.

Back-end Developer	<ol style="list-style-type: none"> 1. Develop applications on Web platforms. 2. Ensure development is performed per best practices. 3. Ensure all web development standards are met. 4. Unit Testing. 5. Database structuring and Management
System Architect and DBA	<ol style="list-style-type: none"> 1. System Architect <ol style="list-style-type: none"> 1.1. Design and reason complex algorithms (time and space) and Code (cyclomatic) wherever required. 1.2. Database design and review. 1.3. Prepares and monitors deployment plans. 1.4. Find the best fit for solving all business problems. 1.5. Checks on platform-specific compliances and security. 1.6. Aspects. 2. DBA <ol style="list-style-type: none"> 2.1. Tunes database to optimize performance as workloads change through database design, index creation, database optimization, and performance tuning. 2.2. Trace degrades SQL performance, and database outage, and constructively implements fixes and monitors results. 2.3. Install and configure DB software and perform upgrades. 2.4. Ensure high availability, backup, and recovery of production databases.
Quality Analyst	<ol style="list-style-type: none"> 1. Prepare the system test cases. 2. Ensure all client requirements are met. 3. Test & add issues to the bug-tracking system. 4. Regression Testing. 5. Ensure all development standards are met.

11. Terms and Conditions

11.1. Third-Party SDK/API Dependencies

All the third-party dependencies related to this project will be provided by the client:

- 11.1.1. Google & Play Store Credentials
- 11.1.2. AWS Server

11.2. General Terms & Conditions

- 11.2.1. Prerequisites from Client: “TechGropse” ensures the highest level of confidentiality about project information. If under any circumstances, the client decides to discontinue the services provided by TechGropse Pvt. Ltd., no refund will be granted by the company. All details shared between “TechGropse” and the client shall only be used for development purposes and shall be returned to the client. The following is the information that we shall require from the client.
- 11.2.2. The client will provide the access, and environment of an existing application (if applicable) required for the project.
- 11.2.3. The client will provide the development license/access to third-party tools, proprietary tools, and APIs. It will primarily coordinate with the provider of third-party tools in case the project team requires any support or clarification.
- 11.2.4. The client has to bear the license cost of images and specific graphics required for GUI design.
- 11.2.5. The client will provide development environment credentials and test the BETA application as per the schedule. TechGropse Pvt. Ltd. will not be accountable if there is any delay at the client's end and hence client cannot hold the payment on these grounds.
- 11.2.6. The client has to carry out the required data entry in the production environment.
- 11.2.7. The client shall provide an Apple Developer account & Google Play Developer Account.

11.3. Assumptions

- 11.3.1. The client will be responsible for providing all the receivables, within the mutually agreed time. Failure to meet any such dependencies shall lead to a subsequent in the project schedule, effort estimate, and cost.

- 11.3.2.** TechGropse Pvt Ltd. and the Client will mutually agree on the Acceptance Criteria at the end of the requirements phase for any activity related to development or support.
- 11.3.3.** Any additions and/ or changes in the scope of work (which is initially finalized between the Client and company at the time of engagement), shall lead to changes in the project schedule, effort estimate, and cost. TechGropse will handle the scope of changes using the Change Management Procedure and it will be mutually agreed upon between Client and TechGropse. The change required in any system outside the scope of TechGropse will not be taken up by TechGropse. Either the Client or the respective vendor needs to undertake the responsibility for the same.
- 11.3.4.** There is no onsite presence anticipated as of now, if required will be billed to the Client based on actual man-hour efforts which include the allowances etc.

11.4. Dependencies

- 11.4.1.** Quick and Timely feedback on shared build releases is critical to keeping the timelines for the project delivery and overall quality.
- 11.4.2.** Sign-off/ Approval of the milestone deliverables will be signed off by the Client within the stipulated and agreed timelines by a maximum of 2 working days. If sign-off or feedback is not received from the Client in the stipulated time then it will be deemed as accepted by the client.
- 11.4.3.** The client needs to provide approval on Wireframes, UI Designs & Test Scenarios before the project enters into the development phase, as to see whether the changes asked by the client are acceptable and we will consider all the points mentioned in this Document as Scope of Work for this Project only.

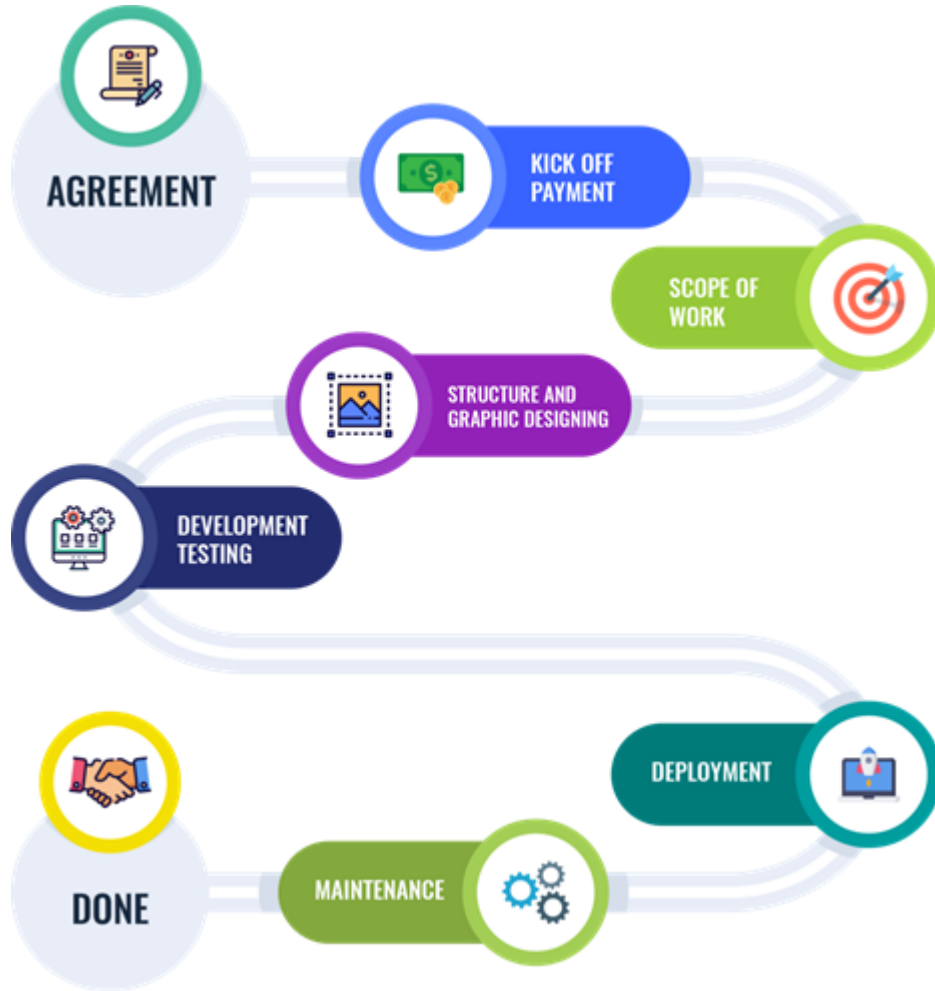
12. Key Personnel

Below is the list of key personnel who will be associated with this project. Any change in the personnel should be updated with the other party on priority.

Client Name	Kaaan Keskin
Chief Executive Officer	Mr. Aman Mishra
Chief Technical Officer	Mr. Anup Kumar

13. Next Step

Steps to be followed once this proposal document is approved by all concerned parties.



14. Declaration

Client Details	Development Company Details
Name: Kaaan Keskin Title: Company Name: Address: Email ID:	Authorize Person Name: Mr. Aman Mishra Title: Director & CEO Company Name: TechGropse Pvt. Ltd. Address: H-187, Block-H, Sector-63, Noida-201307, Uttar Pradesh, India Email ID: sales@techgropse.com aman@techgropse.com Website: www.techgropse.com

Author By	Date of Issue & Place
Mr. Rahul Bhatt (Business Analyst)	11/10/2023 Noida-201307 India.

➤ **Note:** This proposal is valid for 60 days from the date of issue.