

Bebloops MVP Functionalities Document

1. Project Overview

The **MVP (Minimum Viable Product)** aims to deliver a **cross-platform application** (web and mobile) developed using **Flutter** for the frontend.

The backend will be powered by **Firebase**, **Node.js**, and **MongoDB**, with APIs leveraging **GraphQL**, **WebSockets**, **OAuth**, **Stripe**, and **PayPal** for:

- **Real-time data synchronization**
- **Secure authentication**
- **Seamless payment integration**

2. Core Functionalities (from technical perspective)

2.1 User Authentication and Authorization

- **OAuth Integration:** Secure login via Google, Facebook, Apple ID.
- **User Roles:**
 - **Admin:** Full management and moderation access.
 - **Standard User:** Interaction, movement creation, and collaboration.
 - **Guest:** Limited read-only access.
- **Password Recovery:** Secure password reset functionality.
- **Multi-Factor Authentication (MFA):** Enhanced security for sensitive operations.

2.2 Real-Time Data Synchronization

- **WebSocket Integration:** Real-time updates on user activity, movement interactions, and notifications.
- **Live Chat or Notifications:** Instant communication and updates for users and administrators.

2.3 Payment Processing

- **Stripe and PayPal Integration:** Secure payment processing for events, ads, and donations.
- **Payment History and Invoicing:** Users can access their transaction history and download invoices.

2.4 User Profile Management

- **Editable User Profiles:** Custom avatars/logos, personal information updates.
- **Preference Settings:** Personalized experience based on user interests.
- **User Dashboard:** Real-time tracking of engagement and activities.

2.5 Data Management and Storage

- **Firebase Authentication:** Secure login and user management.
- **Cloud Storage:** Media storage for videos, images, and documents.
- **MongoDB Database:** Scalable, flexible data storage for users, movements, and interactions.

2.6 Dashboard and Analytics

- **User Dashboard:** Personalized metrics on activities and interactions.
- **Admin Panel (Web Only):**
 - User management.
 - Analytics and system performance tracking.

4. Technical Requirements

4.1 Frontend

- **Framework:** Flutter (cross-platform compatibility for iOS, Android, Web).
- **Responsive Design:** Optimized for mobile and web screens.
- **State Management:** Provider or Riverpod.

4.2 Backend

- **Server:** Node.js.
- **Database:** MongoDB (NoSQL database optimized for scalable, structured data).
- **Authentication:** Firebase Authentication for user identity management.
- **Cloud Storage:** Firebase/Google Cloud Storage for multimedia assets.

4.3 APIs

- **GraphQL:** Efficient API queries with reduced overhead.
- **WebSockets:** Real-time communication for live interactions.
- **OAuth:** Secure authentication via third-party identity providers.
- **Payment Gateways:** Stripe and PayPal integrations.

4.4 Deployment

- **Web:** Firebase Hosting.
- **Mobile:** Deployed via Google Play Store and Apple App Store.

4.5 Version Control

- **Repository Management:** GitHub or GitLab.
- **Best Practices:** Modular architecture, clean code standards, and thorough documentation.

5. Design Guidelines

5.1 UI Design Principles

- **Color Palette:** Blue and green (trust, collaboration) with accent tones for actionable buttons.
- **Typography:** Roboto or Montserrat for clarity and modern aesthetics.
- **Navigation:** Intuitive bottom navigation bar with icons for:
 - Home
 - Search
 - My Movements
 - Profile

5.2 UX Considerations

- **Dynamic Transitions:** Smooth navigation animations.
- **Clear CTAs:** Buttons for “Join Movement,” “Respond,” and “Donate” are highly visible.
- **Interactive Feedback:** Real-time visual indicators for objective statuses.

6. Product Overview

6.1 Purpose and Audience: Bebloops is a dynamic platform designed to connect individuals, companies, and organizations, fostering meaningful collaboration on social causes and community projects.

By bridging gaps and streamlining interactions, Bebloops empowers stakeholders to unite their efforts, share resources, and drive positive change through impactful social movements, community initiatives, and corporate social responsibility programs.

Target Audience:

- Individuals interested in social causes.
- Companies seeking to improve corporate social responsibility (CSR).
- NGOs and foundations focusing on community projects.

6.2 Key Goals

- Enhance social collaboration.
- Simplify interaction between participants and administrators.
- Enable companies to achieve CSR objectives through active participation.

6.3 Languages Supported

English, Spanish, French, and Catalan (automatic device-based detection and user can change).

7. Core Features and Functionalities**7.1 Home Screen**

- **Dynamic Dashboard:** Role-based interface (Admin, Standard User, Guest).
- **Quick Access to Core Functionalities (Home, Search, My Movements, and Profile.)**

7.2 Search and Discovery

Search by movement name, hashtags, or followers.

7.3 Login / Sign-Up / Lost Password Screen**7.4 User Onboarding**

- For Individuals: Name, surname, country, and interests (e.g., sports, social impact).
- For Companies/NGOs: Name, CIF, country, and thematic focus.

7.5 User Profile

- Editable Profile Information.
- Custom avatars/logos.
- View personal data.
- Password Management and Settings.




7.6 Movements Creation (Admin)

- Write Movement Name.
- Upload a PDF document with guidelines.
- Provide a promotional video (mandatory).
- Add a short written description (2 lines).

7.7 Movement Interactions (User)

- Users can:
 - Respond with 3-6 second videos.
 - Leave text comments.
 - Engage in "roundtable" discussions. (Like a chat or video chat group)

7.8 Goal Management

- Movement admins can create, track, and update objectives or 'Goals'.
 - **Informative Goals:** General announcements.
 - **Support Goals:** Requests for specific resources or help.
- Status Indicators:  Pending  In Progress  Achieved

7.9 Reporting System

Report Button: Users can report inappropriate or unethical content.

7.10 Payment Screen (Topic 2.3)

7.11 Notifications Screen

- **Real-Time Updates:** Live notifications on objectives, movement activity, and admin messages.
- **Push Notifications:** Mobile alerts for critical updates.

7.12 Admin Panel (Web Only)

- **User Management:** Monitor and manage user activities.
- **Analytics Dashboard:** Key metrics and reports for strategic decision-making.
- **Content Moderation:** Manage reported content and resolve disputes.

8. User Journey Map for MVP

1. **Home Dashboard:** Explore featured movements and personalized suggestions.
2. **Registration/Login:** Via OAuth or email/password.
3. **Join/Create Movement:** Upload rules, promotional videos, and start engaging.
4. **Receive Updates:** Get notifications on movement progress and activity.
5. **Interact with Objectives:** Collaborate with users via text, video, or live threads.
6. **Make Payments:** Secure transactions for memberships, events, and advertisements.

9. Key Differentiators

- **Real-time Community Engagement:** Via short videos and threaded conversations.
- **CSR Opportunities:** Direct connection between businesses and social causes.
- **Transparency in Advertising:** No misuse of user data.
- **Segmented Ad Spaces:** Companies can target precise audiences within movements.

10. Marketing and Retention Strategies

- **Active Platforms:** TikTok, Instagram, Facebook, LinkedIn.
- **User Engagement:** Push notifications, emails, and gamification elements.
- **SEO/SEM Campaigns:** To increase app visibility and downloads.

11. Post-Launch Plan

- **Customer Support:** Active support channels for user issues.
- **Regular Updates:** Continuous improvements based on feedback.
- **Performance Analytics:** Monitor user adoption and feature usage.

12. Future Roadmap

- **Movements Integration:** Join like Movement, and collaborate on shared initiatives or causes.
- **Marketplace Integration:** Direct purchase of association products.

- **Streaming Events:** Live DJ sessions, product launches, and webinars.
- **Advanced Analytics:** Deeper insights for admins and movement owners.
- **Much much more!**