**Functional Requirements Document (FRD)**

**Project Name: Blur**

**Feature: Define App Features & User Flow**

**Task ID: 1.1**

**Estimated Hours: 4-6 hours**

**Total Estimated Hours: 10-12 hours**

**Phase: Planning & Setup**

**Phase 1**

**1. Purpose**

The purpose of this feature requirements document is to define the core features and user flow for the **Blur** app. The app’s primary goal is to provide mental health support by allowing users to easily reach out to a trusted group of contacts when feeling overwhelmed. This feature will guide the app development team in understanding the essential components and designing a seamless, user-friendly experience for individuals seeking emotional support.

**2. Scope**

This feature includes defining the following core components:

* **Care Web**: A group of trusted contacts users can rely on.
* **Mood Tracking**: An intuitive way for users to track their emotional state.
* **Reach Out Feature**: A quick way for users to send a message to their Care Web.
* **Chat & Communication**: A simple messaging and calling interface for real-time support.

**3. Functional Requirements**

**3.1 Core Features**

1. **Care Web**
   * Users will create a group of trusted contacts.
   * The group will be customizable, allowing users to add or remove contacts as needed.
   * The Care Web will act as a support network for users when they need help.
2. **Mood Tracking**
   * Users will be able to track their emotional state (e.g., happy, sad, anxious, etc.).
   * The app will prompt users to log their mood on a regular basis.
   * Mood logs will be visually represented (e.g., using color-coded or emoji-based icons).
3. **Reach Out Feature**
   * Users can send a single message to their entire Care Web asking, “Hey, are you available to talk?”/”I’m struggling right now, do you have time to talk?”
   * The message will automatically be sent to all Care Web members in a drop-down checked list with the ability to uncheck contacts.
   * Contacts in the Care Web can respond via text, voice, or video.
4. **Messaging/Call Interface**
   * Users can communicate in a real-time chat environment.
   * The app will support text, voice messages, and video calls.
   * Users will be notified of any incoming messages or calls.
   * A conversation history will be available for users to reference.

**4. User Flow**

**4.1 Onboarding Flow**

1. **Sign-Up / Registration**
   * User enters basic information (name, email, phone number).
   * Verification process (via email or SMS).
2. **Create Care Web**
   * Users can add an overall emergency contact.
   * User is prompted to add contacts to their Care Web.
   * The app will suggest contacts from the user’s phone or email account, but the user can manually add contacts.
     1. Optionally their most frequently texted people
3. **Mood Tracking Setup**
   * The user sets their preferences for mood tracking (e.g., how often they would like to be reminded to log their mood).
   * Users select an emoji or color-based system for mood logging.

**4.2 Mood Tracking Flow**

1. **User Logs Mood**
   * User opens the app and is prompted to log their current mood.
   * They can select from predefined moods (e.g., Happy, Anxious, Sad) or type in a custom one.
2. **Log History**
   * The user can view their mood log history over time.
   * This history will provide insights into their emotional well-being.

**4.3 Reach Out Feature Flow**

1. **Send “Hey, Are You Available?” Message**
   * If after logging their mood and it’s really low, the user has the option to reach out to their Care Web.
   * One click will send a message to all contacts in their Care Web asking if they are available to talk.
2. **Response Notifications**
   * Care Web members receive notifications with the option to reply via text, voice, or video call.
   * User can select which conversation medium to continue (text, voice, video).

**4.4 Communication Flow**

1. **Messaging**
   * Conversations can be initiated by either the user or a Care Web contact.
   * Chat will include text, voice messages, and optional images or files.
2. **Voice/Video Calls**
   * Users and their Care Web can initiate calls directly from the messaging interface.
   * Calls will have basic features such as mute, volume control, and hang-up.

**5. Design Considerations**

* **User-Centered Design**: The app should prioritize simplicity, clarity, and empathy. The user interface should be intuitive and comforting to users who may be feeling vulnerable or overwhelmed.
* **Accessibility**: Ensure the app is usable for people with varying abilities, including those with color blindness or other visual impairments.
* **Real-Time Updates**: Ensure that communication features like messaging and calling are instant and have minimal lag.

**6. Assumptions**

* The app will be integrated with Firebase for user authentication and Twilio or Agora for messaging and call functionality.
* The Care Web will be limited to a set number of contacts (e.g., up to 10 contacts per user).
* Mood tracking logs will be stored on the backend, with privacy measures in place to protect user data.

**7. Dependencies**

* **Firebase**: For user authentication and database storage.
* **Twilio/Agora API**: For real-time messaging and call functionality.
* **User Database**: For storing user profiles, Care Web contacts, and mood logs.

**8. Acceptance Criteria**

* The app must allow users to create and edit their Care Web.
* The app must allow users to track their mood and view past logs.
* The app must enable users to reach out to their Care Web with one click.
* The app must support messaging and video calls with Care Web members.
* The app must be user-friendly, intuitive, and secure.

**9. Conclusion**

This document outlines the core features and user flow for the **Blur** app. By defining these early on, we will create a strong foundation for development that focuses on user experience and mental health support. The success of this task will ensure that the app meets its goals and provides a valuable tool for users seeking emotional support from their trusted contacts.

**Phase 2**

* + 1. An ability to turn off wanting to receive calls/messages