1. Nume app, nume participanti echipa
2. Vergleich mit ahnlichen Apps – Tabelle mit Fahigkeiten (ja/nein) – min 3 aplicatii similare
3. Features – detaillierrte Liste
4. MockUps -> GUI Elemente
5. Gantt Diagramm – detailliert mit Versionen, Features, Wer macht was
6. Attitude und Interaktion Dynamik – Besonderes Projektthemen

Features:  
**Core Features (Must-Haves)**

1. **User Registration & Profile Creation**:
   * **Health Focused Profiles**: Users can set up profiles that focus on their specific conditions, medical history, and challenges.
   * **Anonymity Options**: Allow users to interact without revealing personal details, ensuring they feel safe while discussing sensitive topics.
   * **Customizable Bios**: Users can personalize their profiles with details about their conditions, treatment methods, and a short bio about their journey.
2. **Disease-Specific Groups**:
   * Offer **predefined groups** for major health conditions (e.g., cancer, diabetes, mental health issues).
   * Allow **custom group creation** for users with more niche conditions or who want to form smaller, private groups.
3. **Real-Time Group & Private Chat**:
   * **Real-time chat** in both group discussions and one-on-one conversations with fellow users.
   * Support **multimedia sharing** (images, videos, links) to exchange research, medical reports, or support materials.
   * **Reactions & Polls** in chats for users to easily agree/disagree or vote on important questions.
4. **Search & Matching**:
   * **Group Search**: Users can search for specific groups by disease, treatment, or symptoms.
   * **Peer Matching Algorithm**: Match users based on shared conditions, symptoms, treatments, or challenges (e.g., people at the same stage of a disease, undergoing similar treatment).
5. **Discussion Forums & Threads**:
   * Forums where users can start and participate in discussions. These can include:
     + **Topic-specific threads** like treatment options, symptom management, mental health, etc.
     + **Expert Q&A sessions** where verified health professionals answer user questions.
6. **Notifications & Updates**:
   * **Push notifications** for new messages, forum updates, group announcements, and important conversations.
   * Users can personalize notification settings to avoid overwhelming alerts.
7. **Content Moderation & Reporting**:
   * Moderators can manage community discussions, remove inappropriate content, and ensure the space remains safe.
   * **Reporting tools** for users to flag inappropriate behavior, ensuring toxic members can be dealt with promptly.
8. **Health Resource Library**:
   * A built-in resource section where users can access articles, research papers, videos, or recommended books related to their conditions.
   * **Bookmark & Share** functionality to keep and share useful resources within groups.
9. **Privacy & Data Security**:
   * Ensure robust **encryption** for user messages and sensitive data.
   * Clear and user-friendly **privacy settings** for controlling who can see profile info and interaction histories.

**Advanced Features (To Stand Out)**

1. **Peer Counseling or Mentorship**:
   * A **mentor system** that connects more experienced patients or survivors with those newly diagnosed or struggling.
   * Enable **certified volunteer counselors** to offer peer counseling services within the app.
2. **Health Journal**:
   * Integrate a **daily journal** where users can log their thoughts, emotions, and health-related experiences. Journaling can improve mental well-being and help users reflect on their progress.
   * Option to **share journals with groups** or keep them private.
3. **Custom Health Alerts**:
   * Users can receive **custom health alerts** for their condition, such as:
     + Medication reminders
     + Appointments and check-ups
     + New research or clinical trials related to their condition.
4. **Anonymous Confession Spaces**:
   * A special **anonymous space** where users can post fears, concerns, or vent about their condition anonymously. Others can provide support without knowing the person’s identity.

**How to Stand Out from Other Apps:**

1. **Real-Time, Customizable, and Interactive Groups**:
   * While many existing apps focus on static discussion forums, offering **real-time chat** alongside **user-created groups** makes your app more dynamic and interactive. This allows users to immediately engage, ask for help, or share experiences without waiting for a forum reply.
2. **Peer Matching Based on Emotional and Physical Similarities**:
   * Implementing a **matching algorithm** that considers **emotional state** (anxiety, depression, hopefulness) alongside symptoms and treatments will differentiate your app. Many platforms don’t account for matching users emotionally—this could foster deeper connections.
3. **Direct Expert Involvement**:
   * While other apps might have basic Q&A sections, offering **scheduled live sessions** with experts where users can interact directly sets a higher bar for trust and information quality.
4. **Localized Support Resources**:
   * Providing users with **local health resources**, such as in-person support groups or therapy centers, adds practical value to your app. Many apps are limited to online communities, but this feature bridges the gap to **real-world assistance**.
5. **Gamification for Progress Tracking**:
   * Introduce elements of **gamification** where users earn badges or rewards for participation, sharing progress, or supporting others. This could be tied to things like **habit tracking** (e.g., healthy eating or mental well-being exercises).

Creating an app with the features you described is definitely feasible within 10 weeks for a team of 3 people, but it would require careful **planning**, **task delegation**, and **prioritization** to ensure the core features are completed within the timeframe. Here's a breakdown of how complex it would be to build such an app and the key factors involved:

**Development Complexity by Feature**

Let’s break down the difficulty of building each feature based on your team's experience level.

**Core Features (Must-Haves)**

1. **User Registration & Profile Creation**:
   * **Difficulty**: Moderate
   * **Why**:
     + Basic user registration (email/password, OAuth) is straightforward using authentication libraries (Firebase, AWS Cognito, etc.).
     + Implementing health-focused profiles will require additional fields but should not be too complex.
     + Anonymity and customizable bios would require extra logic to allow users to opt for hidden identities, but this is manageable.
2. **Disease-Specific Groups**:
   * **Difficulty**: Moderate
   * **Why**:
     + Predefined groups and custom group creation can be implemented using basic database relationships (group-to-users).
     + Allowing users to create niche groups would need a search system and tag-based categorization to keep things organized.
3. **Real-Time Group & Private Chat**:
   * **Difficulty**: High
   * **Why**:
     + Real-time chat requires using WebSockets, or you could leverage services like Firebase Realtime Database, Firestore, or a chat SDK (e.g., **SendBird**, **Pusher**).
     + Supporting multimedia sharing (images, videos, links) adds complexity since you'd need to handle file uploads, storage, and media previews.
     + Reactions and polls add interactive elements, but with libraries, this can be done more easily.
4. **Search & Matching**:
   * **Difficulty**: Moderate to High
   * **Why**:
     + Searching groups by disease, treatment, or symptoms is not difficult (using text or tag-based searching in a database).
     + A **peer-matching algorithm** based on conditions and emotional states can be challenging if you want personalized recommendations, as it involves filtering users and potentially integrating machine learning for recommendations.
5. **Discussion Forums & Threads**:
   * **Difficulty**: Moderate
   * **Why**:
     + Forums are essentially threaded messages, which is a straightforward database structure. Allowing users to start threads and participate in discussions is relatively simple.
     + **Expert Q&A** sessions would need moderation controls, but a live commenting system is not too hard to integrate.
6. **Notifications & Updates**:
   * **Difficulty**: Moderate
   * **Why**:
     + Push notifications can be done with Firebase Cloud Messaging (FCM) or other services.
     + Personalized notification settings will require you to build user preferences and filter what notifications are sent.
7. **Content Moderation & Reporting**:
   * **Difficulty**: Moderate to High
   * **Why**:
     + Creating reporting tools and moderation is straightforward, but real-time moderation and scaling this with automatic content moderation (AI) can be more challenging if your community grows fast.
8. **Health Resource Library**:
   * **Difficulty**: Low
   * **Why**:
     + A simple content repository with articles, research papers, and videos is manageable. You’d need to handle categories and allow users to bookmark/share.
9. **Privacy & Data Security**:
   * **Difficulty**: High
   * **Why**:
     + Encryption for chat and data storage is critical, especially for health-related apps. Implementing end-to-end encryption is complex but important. Strong **GDPR compliance** for user data handling will also be necessary.

**Advanced Features (To Stand Out)**

1. **Peer Counseling or Mentorship**:
   * **Difficulty**: Moderate
   * **Why**:
     + This is a matching system like in dating apps. Connecting mentors with mentees and allowing private chat features can be integrated into your main messaging system.
2. **Health Journal**:
   * **Difficulty**: Low
   * **Why**:
     + Journals are essentially user-generated posts or entries. Users could mark them as private or share them within groups. This is straightforward from a data perspective.
3. **Custom Health Alerts**:
   * **Difficulty**: Low to Moderate
   * **Why**:
     + Alerts for medication, appointments, and research could be done with local notifications or reminders that trigger at set times. Integrating it with calendars could be slightly more complex.
4. **Anonymous Confession Spaces**:
   * **Difficulty**: Moderate
   * **Why**:
     + Anonymous posts require setting up special threads where user identities are hidden. The challenge here is managing moderation while keeping anonymity.

**How to Stand Out (Unique & Harder Features)**

1. **Real-Time Customizable Groups**:
   * **Difficulty**: High
   * **Why**:
     + Allowing real-time interaction within customized user-generated groups, in addition to public groups, is demanding in terms of architecture. Managing dynamic group creation, scalability, and ensuring smooth real-time performance (with chat and media) would require careful database and infrastructure planning.
2. **Peer Matching Based on Emotional and Physical Similarities**:
   * **Difficulty**: High
   * **Why**:
     + Implementing a matching algorithm involves more complexity. You'll need to gather and analyze user data on emotions, conditions, and treatments. If you want it to be truly smart, you'd need some machine learning or at least well-optimized filtering logic.
3. **Direct Expert Involvement (Live Sessions)**:
   * **Difficulty**: Moderate
   * **Why**:
     + Scheduling and hosting live sessions is relatively straightforward if you use third-party APIs (like **Zoom SDK** or **Agora** for live video). Allowing users to interact in real-time with experts adds value but needs good infrastructure.
4. **Localized Support Resources**:
   * **Difficulty**: Moderate
   * **Why**:
     + Showing users nearby health resources based on their location would require **Google Maps API** or a similar service. You would also need to collect resource data for the areas your users are in, which could be time-consuming.
5. **Gamification for Progress Tracking**:
   * **Difficulty**: Moderate
   * **Why**:
     + Tracking user progress and providing badges or rewards for participation can be integrated into your system. However, this adds a layer of complexity in terms of user engagement analytics and behavior tracking.

**Core Features (Must-Haves)**

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Simple Login - 5

Filtrari, prelucrari banale – 6-7

Localizare, info traffic – prelucrari interesante ale datelor

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