MEMO SUMMARY

Project: RareConnect – A Unified Platform for Rare Disease Patients

To: Stakeholders & Project Team
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Problem Statement: Facilitate engagement, advocacy, awareness, or care for person livings with rare disease

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Introduction

Rare diseases affect millions worldwide, yet patients often struggle to find relevant support, expert guidance, and essential healthcare tools. **RareConnect** is an integrated digital platform designed to empower individuals with rare diseases by providing them with a community-driven space, access to medical experts, and personalized health tracking tools.

Project Objectives

1. **Facilitate Community Support:** Enable patients to connect with others facing similar conditions through a **Community Forum** and Facebook-integrated groups.

2. **Expert Consultation:** Provide a seamless way to book **appointments with medical experts** and conduct virtual consultations via Google Meet.

3. **Health Tracking & Management:** Offer a **Patient Dashboard** with health metrics, **Sleep Tracker**, and **Seizure Control** for personalized monitoring.

4. **Multilingual Support:** Ensure global accessibility with a **Multilingual Hub** for translated medical materials.

5. **Education & Awareness:** Deliver verified information about rare diseases through an **Education Hub** to empower patients and caregivers.

6. **AI-Enabled Diagnosis Support:** Help users analyze symptoms and gain preliminary insights into potential conditions.

7. **Crowdfunding & Assistance:** Support patients in securing financial aid through a built-in **Crowdfunding Module** for medical expenses.

Key Features

- **Patient Dashboard** – Personalized health data visualization including weight, height, BMI tracking, and sleep analysis.

- **Expert Connect** – Book video consultations with specialists and access emergency expert support.

- **Community Forum** – Disease-specific discussion boards and Facebook group links for additional networking.

- **Multilingual Hub** – Translation of medical documents into multiple languages.

- **Sleep Tracker & Seizure Control** – Log sleep patterns and seizure occurrences with data visualization.

- **Education Hub** – Curated articles, videos, and research materials on rare diseases.

- **AI-Powered Diagnosis Support** – Symptom analysis to guide patients in the right direction.

- **Crowdfunding Assistance** – Secure funding for treatments and medical care.

Future Scope

1. **Phase 1: Launch community forum, AI diagnosis, and expert connect.**
2. **Phase 2: Integrate sleep & seizure tracking, multilingual support.**
3. **Phase 3: Partner with research institutions & genetic data analytics.**
4. **Phase 4: Expand globally with accessibility features & mobile app.**

Conclusion

RareConnect is a transformative platform aiming to bridge the gap between **patients, medical professionals, and resources**. By integrating multiple functionalities into one accessible application, we strive to **improve the quality of life** for individuals with rare diseases. We look forward to **collaborating with medical professionals, tech experts, and patient advocates** to refine and expand this initiative.