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Problem Statements

Note: *The ideas provided are intended purely as references. Participants are encouraged to explore their own creativity and thoughts to refine, adapt, or completely reimagine the concepts. Let these examples inspire you to develop innovative and original solutions that reflect your unique perspective and approach.*

1. Fintech & Financial Inclusion

Problem: Many underbanked or low-income communities lack access to essential financial tools and services, leading to limited economic opportunities and financial instability.
Example Idea: Develop a financial inclusion app:

- **Budgeting:** Provide easy-to-use tools to create and track budgets based on income and expenses.
- **Payments:** Enable secure, low-cost digital payment options for users without traditional bank accounts.
- **Financial Literacy:** Offer gamified lessons and tools to teach users about saving, investing, and managing debts in their local language.

2. Social Good & Civic Tech

Problem: Marginalized communities often struggle to access public services or influence policy decisions that affect them, limiting their ability to drive positive social change.
Example Idea: Create a civic engagement platform:

- **Community Initiatives:** Crowdsourcing ideas for public improvement, such as waste management or park development.
- **Access to Services:** Streamlined interfaces for applying for government benefits, reporting issues, or accessing health services.
- **Policy Participation:** Tools for tracking local government actions, participating in surveys, or contacting representatives.

3. Health & Wellness

Problem: Access to healthcare and preventive solutions remains a challenge for many, particularly in remote or underserved areas.

Example Idea: Build an integrated health and wellness app:

- **Mental Health:** Include self-care resources, guided meditations, and crisis support hotlines.
- **Telemedicine:** Offer virtual consultations with certified doctors, particularly for areas with limited healthcare facilities.
- **Fitness Tracking:** Integrate wearable device data to track exercise, diet, and sleep patterns, with personalized recommendations for improvement.
- **Preventive Health:** Provide reminders for vaccinations, health check-ups, and lifestyle tips to prevent chronic diseases.

Guidelines for preparing 'Idea Document'

The purpose of this documentation is to evaluate your thinking ability, creativity, and understanding of the real-world problem you have chosen. Please ensure that your submission is clear, concise, and well-structured.

Use the following points as a guide:

1) Team Name and Member Details

- Team Name: A creative and unique name representing your team.

- Member Details: List the name, role, and skills of each team member (e.g. developer, designer, project manager).

2) Problem Statement

- Chosen Problem: Clearly state the problem statement you are addressing.

- Problem Analysis: Briefly describe the real-world context and its significance.

- Target Audience: Identify the primary users or beneficiaries of your solution.

3) Solution Overview

- Brief Explanation: Summarize your solution and how it addresses the problem.

- Approach: Describe your methodology and how it solves specific pain points.

- Uniqueness: Explain what makes your solution distinct from existing approaches.

4) Frameworks/Technologies

- Tech Stack: List the frameworks, libraries, and technologies you plan to use.

- Reasoning: Explain your choices (e.g., scalability, ease of use, cost-effectiveness).

- Assumptions & Constraints: Highlight key assumptions and anticipated challenges.

5) Feasibility and Implementation

- Implementation Ease: Discuss development and deployment feasibility.

- Effectiveness: Describe how well your solution addresses the problem.

6) UI/UX Mockup

- Screens Overview: Include wireframes or mockups showcasing the interface.

- User Flow: Explain the user journey and key interactions.

- Accessibility Considerations: Highlight design decisions for broader accessibility.

7) Business Scope and Use Case

- Use Case Scenarios: Provide real-world examples of your solution in action.

- Market Need: Explain the demand for your solution.

- Revenue Model (Optional): Suggest monetization strategies if applicable.

8) System Design and Architecture

- Technologies Overview: Describe key technologies and tools.

- Design Patterns: Mention design patterns used (e.g., MVC, microservices).

- Functional Flow: Include diagrams like flowcharts or system architecture.

9) Coding Approach

- Development Strategy: Outline your coding methodology (e.g., Agile, modular design).

- Coding Standards: Specify best practices like code reviews or testing.

10) Additional Supporting Documents (Optional)

- Market Research: Provide supporting data or research.

- Competitor Analysis: Compare your solution with existing ones.

- References: Include links or references used.

11) Presentation (Optional)

- Summary Slides: Prepare 5–7 slides covering the problem, solution, tech stack, UI/UX, and implementation strategy.

- Pitch Focus: Ensure your presentation highlights key aspects effectively.

General Tips:
- - Clarity & Precision: Use concise language and visuals for clear communication.
- - Proofread: Avoid spelling and grammar errors.
- - Originality: Focus on unique, impactful ideas that address real-world challenges.