InnovateNow - Proposal

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Initial Idea

Creating a telemedicine application aimed at regions where medical services might not be readily available, making physical medical services more accessible - preventing unnecessary fatalities.

Relation to the Selected Development Goal

Selected goal - goal three → "Ensure healthy lives and promote well-being for all at all ages"

How did we relate to this development goal?
- Online application - guarantees that physical location will not be an issue when consulting
- Free services - helping those who may not have the financial means to seek out health services in their region
    - Prevention of mortalities caused by avoidance of medical treatment

Details

→ Hypothetical inner workings of the application
1. User signs up for an account
    - Required information is input
        - Name
        - Age
        - Sex
        - Address/relative region (in order to make use of local services)
2. User selects one of the care options
    - Online survey
        - User is able to select symptoms that they are experiencing
        - Option to add images (sometimes useful in diagnosis)
        - Follow up with more questions/clarifications sent after a verified medical professional reviews the survey
        - Diagnosis!
    - Online chat
        - User is able to fill out survey - doctor online is able to access symptoms list
        - Doctor asks follow-up questions live

- Could request an image of condition/ask the patient to identify areas on a diagram
- Diagnosis with less wait time
- Video call
  - User is given the option to fill out symptom survey first, or tell medical professional live
  - Ability to show through video physical symptoms
  - Live diagnosis
3. User is provided a follow-up
   - User provided a care plan - at the end of their selected option
   - Follow-up - to see if the care plan was effective

→ Included features
- Account creation
  - Password protection - limited amount of attempts to sign into the account
    - Secure password creation - specification required for password creation (special character, certain length, at least one number, variety of upper and lowercase letters)
  - Data encryption - sensitive medical data → is safe even in case of breach
    - Would allow for critical care - that might be stigmatized in a particular region
  - Storage of previous interactions - keeping a medical history
    - Might make light of a developing condition - for doctors to refer later
- Resource network
  - Connecting users to physical treatment centers - if the condition is found to be critical enough
  - Location of the nearest/most accessible pharmacies - if the healthcare provider provides a prescription

Long-term ideas/goals
1. Expansion of languages that services are offered in
2. Sponsorship program
If user required immediate care → could be very expensive
In order to offset cost, and to prevent possible death - users could apply to get their medical costs reimbursed