



Problem Statements: The Innovation Challenges

7. Public health and Sex Education

I. Monitoring mental and physical health

The COVID-19 pandemic confined people within their land and paralyzed to social interactions and exercise, impeding physical and psychological health. Psychological health problems including changes in mood, personality, depression, inability to cope with daily problems or stress, withdrawal from friends and activities, and thus have an impact on the emotional stability. Design Personal and pervasive sensing technologies that allow predicting detailed user information such as location, mood, physical activity, etc. to tackle these daily problems to stay safe and ensure the security of your loved ones within their residences.

II. Technology to help women with birth spacing.

Many women practice birth spacing using contraceptive injections. However, these injections only last for 8-12 weeks. Many women forget to get their dose regularly or, if money is tight, they choose to delay it. It reduces the effectiveness of contraception, increasing the likelihood that they will have an unplanned pregnancy, in a massive amount. Conceive an idea to solve this.

III. Managing the massive volumes of patient-related data.

An excellent medical record serves the interest of the medical practitioner as well as his patients. For the purpose of treatment, it is significant for any doctor to frame the document for the sake of management of all the patients under his/her care correctly. Devise the technological solutions to help the doctors to maintain a clean desk.

IV. Disposal Sanitary pads

Plastic pervades modern life, and menstruation is no exception. Getting a handle on how much plastic waste comes from menstrual products is tough, partly because it's labeled as medical waste and does not need to be tracked, and in part because so little research has even looked at the scope of the problem. Let your technological solution tackle this major and ignorant problem encircling the world.

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