

# SDG problem definition document

## **SDG 3: Good Health and Well-being**

Project Focus: Improving Immunization Rates and Disease Prevention in Vulnerable Communities

Problem Statement:

Many individuals, particularly those living in poverty, lack access to essential healthcare services, including immunization and disease prevention measures. This leads to a higher prevalence of preventable diseases, which can have severe health consequences and exacerbate socioeconomic disparities.

### **Goal**

To enhance immunization rates and disease prevention in vulnerable communities by providing timely information, access to healthcare resources, and promoting healthy lifestyle practices.

### **Objectives**

#### Data Analysis

Conduct a comprehensive analysis of prevalent diseases in the target population, focusing on those that can be prevented through immunization.

Identify factors contributing to low immunization rates, such as geographical barriers, lack of awareness, and financial constraints.

Analyse existing healthcare infrastructure and accessibility in the region.

#### **Disease Prevention Strategies**

Develop evidence-based strategies for preventing common diseases, including immunization schedules, vaccination guidelines, and disease prevention practices.

Create educational materials and campaigns to raise awareness about the importance of immunization and disease prevention.

#### **Digital Solution Development**

Design and implement a user-friendly digital platform that provides personalized immunization reminders, information on disease prevention, and links to healthcare resources.

Incorporate features to connect users with nearby healthcare facilities offering immunization services.

Develop a section on nutrition and dietary recommendations to support overall health and immunity.

### Community Engagement

Establish partnerships with local healthcare providers, community organizations, and government agencies to ensure effective implementation of the project.

Conduct outreach activities to reach vulnerable populations and address their specific needs and concerns.

### Expected Outcomes

Increased immunization rates among the target population.

Reduced prevalence of preventable diseases.

Improved health outcomes and quality of life for individuals and communities.

Enhanced access to healthcare services, particularly for those living in poverty.

Increased awareness of disease prevention practices and the importance of immunization.

### Key Performance Indicators (KPIs)

Percentage increase in immunization rates

Reduction in incidence of target diseases

Number of individuals using the digital platform

Satisfaction levels among users of the digital platform

Number of partnerships established with healthcare providers and community organizations

Target Population:

Vulnerable populations, including low-income individuals, rural communities, and those with limited access to healthcare.

### Methodology

Data collection and analysis

Development of disease prevention strategies

Design and implementation of the digital platform

Community outreach and engagement

Monitoring and evaluation of project outcomes

By addressing these objectives and implementing effective strategies, this project aims to make a significant contribution to improving the health and well-being of vulnerable communities.