**IBM Naan Mudhalvan-Data Analytics with cognos Group2**

**Student Name : Pradeep Kumar Pandey**

**Register Number : 620821104078**

**Branch : B.E CSE**

**Year : 3 year**

**Topic : Data Analytics with Cognos**

**Title : Public Health Awareness**

**College : Gnanamani college of technology**

**PUBLIC HEALTH AWARENESS**

**Project Overview:** The Public Health Awareness Campaign project aims to raise awareness and promote positive behavioral changes related to public health issues within a specific community or population. This project will utilize design thinking principles to create effective and engaging campaigns that address pressing public health concerns.

**Project Objectives:**

1. **Identify Target Health Issues:** Through research and community engagement, identify the most critical public health issues affecting the target population.
2. **Design Effective Messaging:** Utilize design thinking principles to develop compelling, culturally sensitive, and evidence-based messages that resonate with the target audience.
3. **Engage Stakeholders:** Collaborate with relevant stakeholders, including healthcare professionals, community leaders, and affected individuals, to ensure a holistic and inclusive approach.
4. **Create Multichannel Campaigns:** Develop a multi-pronged campaign strategy that leverages various communication channels, such as social media, community events, and traditional media outlets.
5. **Evaluate Impact:** Implement metrics and evaluation mechanisms to assess the campaign's effectiveness in changing behaviors and increasing awareness.

**Project Phases:**

**1. Empathize:**

* Conduct research and engage with the target population to understand their needs, concerns, and perspectives on public health issues.
* Gather insights through surveys, interviews, and community meetings.

**2. Define:**

* Narrow down the public health issues to be addressed based on the research findings.
* Set specific, measurable, achievable, relevant, and time-bound (SMART) objectives for the campaign.

**3. Ideate:**

* Brainstorm creative ideas and messaging strategies to address the defined public health issues.
* Encourage cross-functional collaboration among designers, health experts, and community representatives to generate innovative solutions.

**4. Prototype:**

* Develop prototypes of campaign materials, including posters, videos, social media content, and educational resources.
* Test these prototypes with a small sample of the target audience to gather feedback.

**5. Test:**

* Launch a pilot campaign in a limited area or with a specific demographic to test the effectiveness of the materials and messages.
* Continuously gather feedback and make adjustments as necessary.

**6. Implement:**

* Roll out the full-scale public health awareness campaign, deploying all materials and communication channels.
* Engage with stakeholders, community organizations, and influencers to maximize reach and impact.

**7. Evaluate:**

* Monitor key performance indicators (KPIs) such as behavior change, website visits, social media engagement, and attendance at public events.
* Analyze data to assess the campaign's success and identify areas for improvement.

**8. Iterate:**

* Use the insights from the evaluation phase to refine and optimize the campaign.
* Continuously adapt messaging and strategies to address evolving public health concerns.

**9. Sustain:**

* Develop a plan for the long-term sustainability of public health awareness efforts, including potential partnerships and funding sources.

**10. Scale:** - If successful, consider scaling the campaign to reach a broader audience or addressing additional public health issues.

**Key Stakeholders:**

* Target population/community members
* Healthcare professionals and organizations
* Local government agencies
* Non-profit organizations
* Educational institutions
* Media outlets
* Designers and creative professionals

**Budget and Resources:**

* Funding for campaign materials and production
* Personnel for research, design, and campaign management
* Technology and communication tools
* Community engagement events and resources

**Timeline:** The project timeline will depend on the scope and scale of the campaign, but it typically spans several months to a year, including research, development, and evaluation phases.

By following this design thinking approach, the Public Health Awareness Campaign can effectively address pressing health issues and engage the target audience in a meaningful way, ultimately leading to positive behavioral changes and improved public health outcomes.