PEARLHACK 2.0

DESIGNATHON | PROPOSAL

Unleash your creativity and innovation in the Designathon Pitch phase. Craft a compelling proposal that lays the groundwork for a successful project.

LET'S START

Problem

01

Problem Definition and ANALYSIS

Explain how your proposed solution addresses the problem.
Be specific about the features and design elements that you included and how they improve the user experiences.

02

Problem Addressed:
Community Health Monitoring is a significant challenge in the health industry due to the need for real-time tracking, reporting, and proactive management of local health issues. The aim is to develop a system that not only monitors but also predicts disease outbreaks, evaluates healthcare measures, and implements preventative measures efficiently.

Proposed Solution:
Introducing the Community Health Watch App (CHW).
The system will integrate various data sources, including local health records, demographic information, and real-time health data.
Implement advanced machine learning algorithms and analytics to analyze integrated data sets.
2. Predictive Analytics Framework:
Develop a robust predictive analytics framework utilizing machine learning algorithms, time-series analysis, and statistical models to forecast health trends and potential outbreaks in community members.
3. Real-time Disease Prediction:
The system will analyze data patterns to predict potential disease outbreaks.
Real-time alerts and notifications for community members and healthcare professionals, ensuring timely interventions.
4. Healthcare Resource Allocation:
Integrate with healthcare facilities, hospitals, clinics, and pharmacies to the community.
Implement maps with geolocation features for users to easily locate and access nearby healthcare facilities.
5. Preventative Measures Recommendations:
Provide personalized recommendations for preventative measures based on individual health data and community health trends.
Gamify interactions offering actionable insights and guidance for health improvement.
6. Chronic Disease Forecasting:
Utilize predictive analytics to forecast hospital admission records to forecast worst-case health outcomes for patients with chronic diseases.
Customizable charts and reports to track chronic disease trends over time.
7. Community Health Dashboard:
Enable community members to report local health issues through a user-friendly interface.
Implement a gamification system to incentivize community members' active participation.
8. Data Security and Privacy:
Implement robust data security measures and adhere to privacy regulations.
Clearly communicate privacy policies and ensure transparent handling of sensitive health information.
9. Enhanced User Experience Improvement:
Proactive Health Management:

Users are proactively manage their health by receiving personalized recommendations and alerts based on predictive analytics.
Community Empowerment:

Empowers individuals with the ability to actively contribute to health monitoring, reporting, and community engagement.
Timely Intervention:

Intuitive interfaces and visualizations enhance user experience, making it accessible to a diverse audience for timely interventions.
Informed Decision Making:

Community members and healthcare professionals can make informed decisions based on real-time, accurate, and integrated health data.
Resource Optimization:

Robust data security measures instill trust among users, ensuring the confidentiality and privacy of their health information.
Community Collaboration:

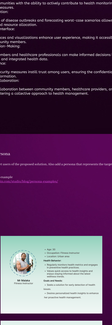
Encourages collaboration between community members, healthcare providers, and public health authorities, fostering a collective approach to health management.

The User Persona

03

Identify the target users of the proposed solution. Also add a persona that represents the target user (15 personas).

Click here for an example
https://xd.adobe.com/view/6ba7f6a-9e0a-4a9e-

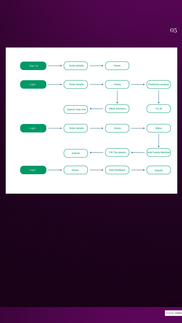


User Journey Map

04

Describe the visiting user journey; the problems of the user facing in user journey.

Click here for an example
https://xd.adobe.com/view/6ba7f6a-2ce2

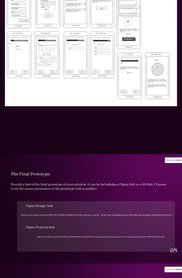


User Flow

05

Include the user flow of the proposed Solution including the Key functionalities of the user flow

Click here for an example
https://xd.adobe.com/view/6ba7f6a-2ce2



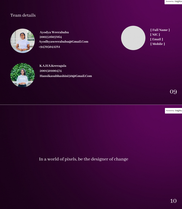
The Wireframes

07

Add the wireframes of the solution you proposed key screens or interactions of your solution proposed for the product given. Could mention wireframe or a clickable clients using software is accepted

Click here for an example
https://xd.adobe.com/view/6ba7f6a-2ce2

- I used Miro(https://www.miro.com/) for design The wireframe



The Final Prototype

08

Provide a link of the prototype of your solution. It can be includes a Figma link or a XD link. (Ensure to set the access permission to the prototype link as public)

Figma Prototype link

https://www.figma.com/file/Qq0Ln0Ln0Ln0Ln0Ln0Ln/Community-Health-Watch?node-id=0%3A1

Figma Proposal link

https://www.figma.com/file/Qq0Ln0Ln0Ln0Ln0Ln0Ln/Community-Health-Watch?node-id=1%3A2

Team details

09

Sandra Benedicta
9886540854
sandrabenedicta@gmail.com
18/05/2003

A.Lyla Bernagela
9600828105
theeallyaadhithan@gmail.com

[Full Name]
[No]
[Email]
[Mobile]

In a world of pixels, be the designer of change