

Project Design Phase-I

Proposed Solution Template

Date	24-09-2022
Team ID	PNT2022TMID08105
Project Name	Analytics for hospital health care data
Maximum Marks	2

Proposed solution:

The project aims at building an application that provides information about the containment zones of a particular region by continuously monitoring an individual's location. Location of the individual must be stored in the Database. Alerts are sent using the notification service.

S.No	Parameter	Description
1	Problem statement (problem to be solved)	Healthcare analytics is the process of analyzing current and historical industry data to predict trends, improve outreach, and even better manage the spread of diseases. The field covers a broad range of businesses and offers insights on both the macro and micro level.
2	Idea / Solution description	With limited resources, increasing costs and growing system complexities, healthcare providers require new and innovative ways of delivering services to their patients.
3	Novelty / Uniqueness	Seamlessly connecting information across systems and departments is crucial for clinicians to make more informed decisions and deliver meaningful treatment plans.
4	Social Impact / Customer Satisfaction	Our fully integrated health system helps to reduce duplication, save time, and improve patient safety, through faster and more efficient sharing of information.
5	Business Model (financial Benefit)	The first category assists administrators with identifying areas to streamline operations and increase savings in a concrete fashion. Research and development are crucial aspects of healthcare, providing new innovative solutions and treatments that can be properly tracked, measured, and analyzed.
6	Scalability of Solution	Our solutions provide an integrated platform where clinical information from various data sources is consolidated and shared immediately, with the ability to view via desktop or mobile.