PROJECT DESIGN PHASE I

PROPOSED SOLUTION TEMPLATE

TEAM ID	PNT2022TMID38460
PROJECT NAME	Data Analytics for Hospital Health-Care Data
MAXIMUM MARK	2 marks

Proposed Solution Template :

Project team shall fill the following Information in Proposed Solution Template

S.no	Parameter	Description
1	Problem Statement (problem to be solved)	EHR data matched patient-reported data in 2 3.5 percent of records in a study at an aphthalmology preactise. Patient's EHR data did not agree in any way they reported having three or more eye health complaints.
2	Idea / Solution description	Predictive analytics can create patient journey dashboards and disease trajectories that can lead to effective , and result-driven healthcare. It improves treatment delivery, cuts costs, improves effeciencies , and so on.
3	Novelty / Uniqueness	Healthcare data frequently resides in deveral Locations.from vsrious departments, such as radiology or pharmacy, to various source systems ,such as EMRs or HR software. The organisation asa whole contributes to the data. This data becomes accessible and usable when its is combines into single,central system , such as an enterprises data warehouse(EDW).

4	Social Impact /Customer Satisfaction	Enhanced diagnosis improved medical treateement improved health results Improved relationships with patients More positive health indicators
5	Business Model (Revenue Model)	The two factors that have biggest negative effects on hospital income are claim denials and patient incapacity to pay their part. 90% more uncollectible claimdenials were written off by hospitals and healthcare systems in 2017 compared to the preceding six years.
6	Scalabity of the Solution	A variety institutions must store, evaluate, and take action on the massive amounts of data being produceed by the healthcare sector as it expands quickly. India is s vast, cultirally varied nation with a sizable population that is increasingly able to access acentralised healthcare services.