Project Design Phase-I
Proposed Solution Template

Date	23-09-2022
Team ID	PNT2022TMID07985
Project Name	A GESTURE-BASED TOOL FOR STERILE BROWSING OF RADIOLOGY IMAGES
Maximum Marks	

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)	During a radiographic procedure, an x-ray beam is passed through the body what will happened?
2	Idea / Solution description	The patient should have nothing to eat or drink after midnight, or 6 hours prior to the imaging study. Allow 2-4 hours for this examination. The patient should have nothing to eat or drink after midnight, or 6 hours prior to the imaging study. Allow 2 hours for this examination.
3	Novelty / Uniqueness	Radiology, also known as diagnostic imaging, is a series of tests that take pictures or images of parts of the body. The field encompasses two areas — diagnostic radiology and interventional radiology — that both use radiant energy to diagnose and treat diseases.
4	Social Impact / Customer Satisfaction	1. Identifying the customers of your department 2. Knowing the factors by which your customers assess your radiology services. 3. Learning how to assess the satisfaction of your customers with your radiology service. 4. Understanding the difference between service delivery and service quality in radiology.
5	Business Model (financial Benefit)	Sites with higher staff wages and sterilization costs had a larger probability of realizing greater cost savings with adoption of single-use instruments.
6	Scalability of Solution	Accurate reprocessing, surgical instrument inventory management, logistics and automatic prioritization of the sterile production. These are crucial components for completing the surgical schedule and securing your return on investment.