

Project Design Phase-I Solution Architecture

Date	18 October 2022
Team ID	PNT2022TMID25417
Project Name	Containment zone alerting application
Maximum Marks	4 Marks

Solution Architecture:

Solution architecture is a complex process – with many sub-processes – that bridges the gap between business problems and technology solutions. Its goals are to:

- This application is intended to provide information about containment zones in a particular region by alerting people, through continuous monitoring of an individual's location. Key benefits of the application are monitoring people's activity and alerting them of their safety movements.
- Find the best solution to solve existing key applications of a problems.
- 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.

Example - Solution Architecture Diagram:

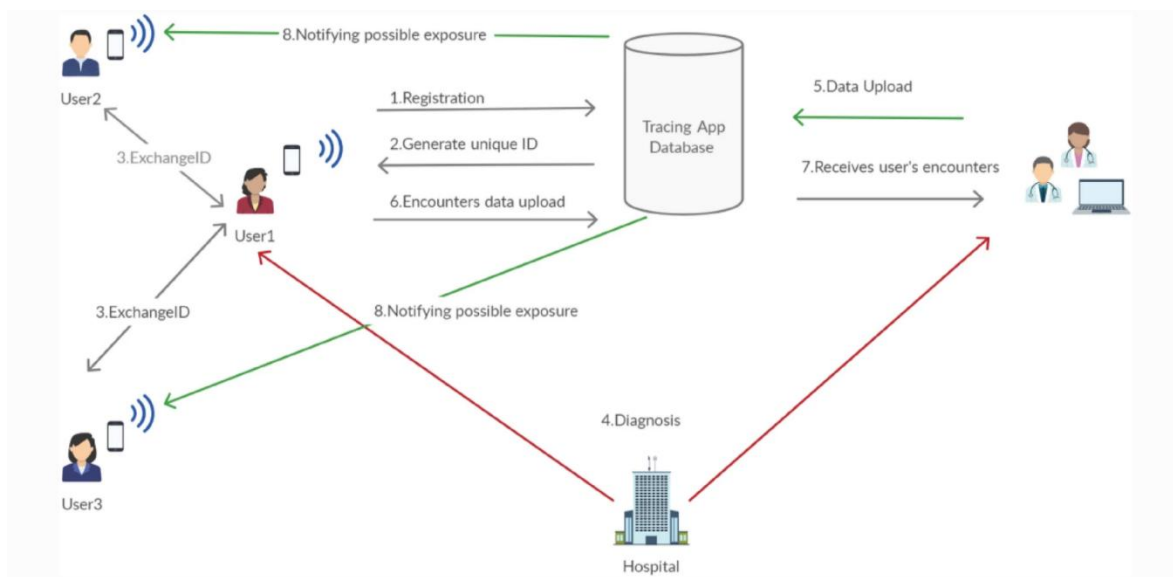


Figure 1: Architecture and data flow of Containment zone alerting application.

Reference: <https://link.springer.com/article/10.1007/s42979-021-00520-z>