

Project Design Phase-1

Proposed Solution Template

Date	24.sep.2022
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Project Name	Containment Zone Alerting Application
Maximum Mark	2 Mark

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)	A vast amount of mobile apps have been developed during the past few months in an attempt to “flatten the curve” of the increasing number of COVID-19 cases.
2.	Idea / Solution description	The COVID-19 outbreak, which first emerged in China, has spread worldwide. On March 11, 2020, the World Health Organization (WHO) declared COVID-19 as a pandemic .
3.	Novelty / Uniqueness	<ul style="list-style-type: none"> eHealth mobile apps for COVID-19 that support several functionalities such as tracking of symptoms and provision of accurate and timely information as well as self-assessment can be implemented in a short time to be used by individuals. Such apps could be used in future outbreaks of other viruses to support all involved stakeholders.

4.	Social Impact / Customer Satisfaction	<ul style="list-style-type: none"> (i) Number and size of the cluster/s. (ii) Effectiveness of geographic quarantine. (iii) How efficiently the virus is transmitting in Indian population, taking into account environmental factors especially temperature and humidity.
5.	Scalability of the Solution	The COVID-19 pandemic, caused by the SARS-CoV-2 virus, continues to grip the world. Large-scale testing is required for countries to successfully limit infections and COVID-19-related mortality rates, and is key to easing many lockdown restrictions in place globally