# Ideation phase

# Literature Survey

| Date | 26 September 2022 |
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| Team ID | PNT2022TMID46363 |
| Project Name | Containment zone alerting application |
| Maximum Marks | 2Marks |

| Author | Paper title | Year | Journal | Critics |
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| **Ranajoy Mallik, Amlan Protim Hazarika, Sudarshana Ghosh Dastidar, Dilip Sing, Rajib Bandyopadhyay.** | Development of An Android Application for Viewing Covid-19 Containment Zones and Monitoring Violators Who are Trespassing into It Using Firebase and Geofencing | 2020 | Indian National Academy of Engineer | The application provides an efficient way of showing the identified Covid-19 containment zones to the users in a Google map. The application can be further used for many purposes like maritime and forest safety to prevent users from entering restricted areas |
| **Karthikeyan Iyengar, Gaurav K. Upadhyaya, Raju Vaishya, Vijay Jain** | COVID-19 and applications of smartphone technology in the current pandemic | 2020 | Atal Bihari Vajpayee Institute of Medical Sciences | The importance of trust has been highlighted future research studies for different lung disease can focus on the antecendents of trust. |
| **Omkar Dhok, Yash Dasouni, Harsh Dubey, Prasanna** | Application for Covid-19 Real Time Counter | 2022 | International Journal of Research in Engineering and Science (IJRES) | 1)The application can include various government organization to help act faster. 2) The dataset obtained from the application can be used for predictive analysis to determine prone areas and include special method for tackling the problem in those areas. |
| **Gouri Shashank Deo, Chaitanya Vijaykumar Mahamuni, Ayushi Mishra** | A Compact Wearable-IoT (W-IoT) System for Health Safety and Protection of Outgoers in the | 2022 | Amity School of Engineering and Technology (ASET), Amity University Maharashtra (AUM) | Tools and technologies are electrical oriented ,where people would struggle in using the equipments . |

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| | Post-Lockdown World | | | User require lower level of trust. |
| **Joshi Manisha S.,Umadevi V.b, Shankru Guggaric, Ravi Kumar,Anusha Sonara and Neha Sreedharalaa** | Design of IoT-enabled, scalable mobile application for ASHA workers in COVID-19 data management | 2021 | Department of computer science and engineering,B.M.S college of Engineering | Key words search methods . Contains the details and information of the patients in data base perspect |
| **Bhuvanagiri V K Sai Pradee, Bojji Raghavendra Prasad, Kadari Sai Suha, Chigurala Srut** | Determining the COVID19 Live Stats using an Android Application | 2022 | International Journal for Research in Applied Science & Engineering Technology | Beneficial since the users will come to know about the COVID19 stats and hence will be updated with information. To limit the scope of literature review |
| **Mitchell J. Winkie, and Vinod E. Nambudiri** | A tale of two applications: lessons learned from national LMIC COVID applications | 2022 | Brigham and Women's Hospital, Boston, Massachusetts, USA, and 2Harvard Medical School. | Exposure tracking and notification Information dissemination. Information dissemination. |
| **Ahmed M. Abd El-Haleem , Noor El-Deen M. Mohamed , Mostafa M. Abdelhakam and Mahmoud M. Elmesalawy** | A Machine Learning Approach for Movement Monitoring in Clustered Workplaces to Control COVID-19 Based on Geofencing and Fusion of Wi-Fi and Magnetic Field Metrics | 2022 | International Conference on Machine Learning Technologies | , the workplace environment is divided into a set of geofences. This workplace management improvement can be done by providing useful information about the occupants' density in different zones and their movement patterns. |
| **Chanchal Ahlawat and Rajalakshmi Krishnamurthi** | Internet of Things-based smart helmet to detect possible COVID-19 infections | 2022 | Jaypee Institute of Information and Technology | IoT technology provides a way to fasten the preventive and screening process by connecting all devices related to healthcare to |

| | | | | the internet and automatically transfer the message to the medical team. Users require lower level of trust. |
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| **Soomaiya Hamid , Narmeen Zakaria Bawany , Ali Hassan Sodhro , Abdullah Lakhan  and Saleem Ahmed** | A Systematic Review and IoMT Based Big Data Framework for COVID-19 Prevention and Detection | 2022 | Department of Computer Science, Kristianstad University | Cybersecurity and data security issues, and lack of basic cybersecurity awareness among medical staff are some other challenges that have been raised by the adoption of IoMT systems. |