**Project Design Phase-I**

**Proposed Solution Template**

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| Date | 8 May 2023 |
| Team ID | NM2023TMID13788 |
| Project Name | Covid vision: Advanced covid 19 detection from lung x-ray with deep learning or machine learning |
| Maximum Marks | 2 Marks |

**Proposed Solution Template:**

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| **S.No.** | **Parameter** | **Description** |
|  | Problem Statement (Problem to be solved) | Learning to predict the mortality of patients suffering from covid 19 and articles they use for dealing with these issues. |
|  | Idea / Solution description | The deep learning paradigm has been applied vastly to investigate radiographic images such as Chest X-Rays (CXR) and CT scan images. |
|  | Novelty / Uniqueness | The disease can be detected at first stage. |
|  | Social Impact / Customer Satisfaction | Social constraints in the COVID-19 pandemic force individuals to adapt to isolation and increase the prevalence of violence in the family, depression, anxiety, post-traumatic stress disorder |
|  | Business Model (Revenue Model) | GLEaM model is being used in a number of COVID-19 related studies and analysis. |
|  | Scalability of the Solution | Even cleaning the house is a form of exercise. Physical activity releases endorphins, keeps us feeling “good” and helps keeps the stress away without negative thoughts. |