**Project Design Phase-I**

**Proposed Solution Template**

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| Date | AUG 3 2023 |
| Team ID | LTVIP2023TMID06601 |
| Project Name | **Advanced Breast Cancer Prediction With Deep Learning** |

**Proposed Solution Template:**

Project team shall fill the following information in proposed solution template.

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| **S. No.** | **Parameter** | **Description** |
|  | Problem Statement (Problem to be solved) | This is despite the fact that breast cancer is a preventable disease, which indicates a knowledge deficit. |
|  | Idea / Solution description | The early detection of this disease could help slow down the progress of the disease and reduce the mortality rate through appropriate therapeutic interventions at the right time. |
|  | Novelty / Uniqueness | Deep learning predicts interval and screening detected cancer from screening mammograms. |
|  | Social Impact / Customer Satisfaction | AI has increased the odds of identifying metastatic breast cancer in whole slide images of lymph node biopsy. |
|  | Business Model (Revenue Model) | Partnering with I CAD to improve breast cancer screening |
|  | Scalability of the Solution | Surgery, chemotherapy, hormonal therapy, biological therapy, radiation therapy |