**Project Proposal**

# TITLE

Breast Cancer Prediction Using Machine Learning

# PROJECT IDEA

## Problem Description

Breast cancer (BC) is one of the most common cancers among women worldwide, representing the majority of new cancer cases and cancer-related deaths according to global statistics, making it a significant public health problem in today’s society.

**Criteria/Constraint -** That the software could accurately predict the breast cancer when user provides the information and also project completion in the given time.

**Function** is to use Machine Learning Techniques to diagnose breast cancer and database techniques to store the information for future reference.

## Solution

Our final software will predict the breast cancer possibility with the help of blood sample information provided by the user which will be entered in the program to predict the outcome of having breast cancer, further be stored in the database of the software.

# RESOURCES

-Machine learning using Python.

-Databases using Mysql.

-GUI (software not yet decided).

# Team Details

We are **TEAM DECODER** of batch EB01 consisting 4 members in our team.

## Team Members Details

| **Name** | **Enrolment No.** | **Role** |
| --- | --- | --- |
| Shubhi Gupta | E17CSE165 | Making the front end of the code for the project. |
| Manmeet Singh | E17CSE126 | Working on the algorithm and using machine learning. |
| Souvik Mishra | E17CSE127 | Making the back end of the code for the project. |
| Madhav Ginoria | E17CSE186 | Documentation |