**Detection of breast cancer**

**Problem Statement:**

Breast cancer is a global health problem and the most common cancer amongst women, comprising 23% of the female cancers .It is also the leading cause of cancer-related deaths in low-resourced countries. Women in any age range are at risk of breast cancer and the risks increases with advanced age .Despite the development of advanced technology in the detection of breast cancer, the mortality rate remains high. Breast cancer is the main cause of cancer mortality in women aged 40–44 years old. Although substantial improvement in survival has been reported in high-income countries, the risk continues to increase. The survival rates in middle- and low-income countries remain low .

For the early detection of cancer we are making a detection system for those who have lack of knowledge moreover to reduce such cases.

**FLOW OF PROJECT AND OTHER DETAILS:**

**Group members:**

|  |  |
| --- | --- |
| 9413 | Kainat Fatima |
| 9411 | Ali Sher Fazil |

We will start our project after midterms means at week9

|  |  |
| --- | --- |
| WEEK 9 | First we will gather the data to train our models, we will take the open source data from Kaggle. |
| WEEK 10 | Analyze the data by using panda libraries and normalize it to get good results |
| WEEK11 | Will train our models ,we will be using 3 Machine learning algorithms, and then test our remaining data points on trained models that how it predict. |
| WEEK 12 | We will apply some technique of performance measurement to get good accuracy. |
| Week 13 | Finalized the whole detection system. |

**EXPECTED RESULTS:**

We will get the keen knowledge of Models and how to train and test data to get good prediction and also the study for improving performances of different algorithms.