Project Working Process and Summary

of

Breast Cancer Diagnostic and early decision making

of

Yu Leng

1. Initial Understanding & Research and Covered with the 23 bench test problems include Data Records.
2. Snake Optimization Algorithm
3. Honey Badger Algorithm
4. Tuna Swarm Optimization
5. Crystal Structure Algorithm
6. Artificial hummingbird algorithm

2. Research Algorithms with the Binary and KNN classifiers and Data Records.

1. Snake Optimization working with Binary and KNN classifier.
2. Honey Badger Algorithm working with Binary and KNN classifier.
3. Tuna Swarm Optimization working with Binary and KNN classifier.
4. Crystal Structure Algorithm working with Binary and KNN classifier.
5. Artificial hummingbird working with Binary and KNN classifier.

3. Study Research 8 classifiers and assign 2 for each member, Data Records.

1. AdaBoost Binary and Multi-classification
2. Logistic Binary and Multi-classification
3. Linear Multi-classification

4. Final Report Writing