**Activity Diagram:**

DATASET

DATA PREPROCESSING

FEATURE SELECTION

MACHINE LEARNING ALGORITHM

WEB APPLICATION

USER

RESULT

**Collobration Diagram:**

PREPROCESS DATA

GET DATASET

FEATURE SELECTION

Preprocessed dataset collected from user

GET DATASET

TRAINING DATASET

MACHINE LEARNING ALGORITHM

Get input from user

Pass output to user

Get user input

PREDICT ATTACK

WEB APPLICATION

Show output

**Sequence Diagram:**

Creating

Training data

SUPERVISOR

WEB APPLICATION

USER

Data Preprocessing

User output

Testing data

Apply

MACHINE LEARNING ALGORITHM

ATTACK DETECTION

Predict value

**Use-case Diagram:**

GET DATASET

WEB APPLICATION

PREPROCESS DATASET

FEATURE SELECTION

MACHINE LEARNING ALGORITHMS

PREDICTION