**LIST OF FIGURES**

**FIGURE.NO DESCRIPTION PAGE.NO**

**Fig 4.1** Block Diagram

**Fig 5.1** Class Diagram

**Fig 5.2** Sequence Diagram

**Fig 5.3** Activity Diagram

**Fig 5.4** Dataflow Diagram

**Fig 5.5** Component Diagram

**Fig 5.6** Use Case Diagram

**Fig 5.7** Deployment Diagram

**Fig 5.8** Architectural Diagram

**Fig 10.1** Mosquito Species with Outbreak

**LIST OF TABLES**

**TABLE.NO DESCRIPTION PAGE.NO**

**Table 10.2** Evaluation Matrices of Decision Tree Regressor

**Table 10.3** Evaluation Matrices of MLP Regressor

**Table 10.4** Predicted Output

**ABBREVIATIONS**

**DL** Deep Learning

**AI** Artificial Intelligence

**WHO** World Health Organization

**CNN** Convolutional Neural Network

**SVM** Support Vector Machine

**ANN** Artificial Neural Network

**RMSE** Root Mean Square Error

**ROC** Receiver Operating Characteristic

**MLP** Multi-Layer Perceptron

**MSE** Mean Squared Error

**ReLU** Rectified Linear Unit (as noted in the document**)**

**UDL** University of London / University Online Learning

**DFD** Data Flow Diagram

**GUI** Graphical User Interface

**CGI** Common Gateway Interface

**RAM** Random Access Memory

**EDA** Exploratory Data Analysis