**TABLE OF CONTENTS**

|  |  |
| --- | --- |
| **TOPIC** |  |
| **1)INTRODUCTION** |  |
| **2)MOTIVATION FOR THE PROJECT** |  |
| **3)EXISTING TECHNIQUES**  **3.1 MULTILAYER PERCEPTIONS**  **3.2 SUPPORT VECTOR MACHINES**  **3.3RANDOM FOREST ALGORITHM**  **3.4 NAÏVE BAYES CLASSIFIER** |  |
| **4)PROBLEM FORMULATION** |  |
| **5)PROPOSED METHODOLOGIES**  **5.1 CLASSIFIER-ARTIFICIAL NEURAL NETWORK**  **5.2 ALGORITHM-SEQUENTIAL NEURAL NETWORK** |  |
| **6)SYSTEM DESIGN**  **6.1 BLOCK DIAGRAM**  **6.2 SEQUENCE DIAGRAM**  **6.3 DATAFLOW DIAGRAM** |  |
| **7)SOFTWARE AND HARDWARE USED** |  |
| **8)GOVERNING EQUATIONS**  **8.1 GRADIENT DESCENT**  **8.2 SOFTMAX FUNCTION** |  |
| **9)DATASET INTERPRETATION** |  |
| **10)EXPECTED OUTPUT** |  |
| **11)IMPLEMENTATION- CODE** |  |
| **12)CONCLUSION** |  |