**RISK PREDICTION FOR HAVING AN ISCHEMIC STROKE USING** **CLINICAL** **DATA AND** **DATA MINING TECHNIQUES**

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The undersigned hereby certify that they have read and recommended for acceptance a thesis proposal entitled “Risk prediction for an ischemic stroke using clinical data and data mining techniques” by Asima Akter Chowdhury and Masum Mohammad Jubayel in partial fulfillment of the requirements for the degree of Bachelor of Science in Computer Science and Engineering.

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Table of Contents

**Chapter 1**

**Introduction**

* 1. **Background**

Bangladesh is a

**1.2 Motivation**

Brain is the central organ of the human body. It is made up of more than 100 billion nerves that communicate in trillions of connections.

**1.3 Objectives and Contribution**

We are living in the modern era. In our present time, the use of mobile phones in huge, we wanted to create an app to help people through this mobile phone. With the help of this app, a user can know the percentage of the probability of having ischemic stroke by answering some of the answers to his questions. In fact he will know how much percentage of his own risk of stroke is with this app.

This app will help the user to predict risk of stroke, as well as provide some healthy tips.

* To classify and predict a user will get stroke or not.
* To analyze the clinical data and predict the risk of stroke.
* To provide useful heath tips.

**1.4 Thesis Organization**

The remainder of the thesis is organized as the following:

**Chapter2 (****background Knowledge):**

**Chapter3(Related Works):**

**Chapter4(Proposed Method):**

**Chapter5(Conclusion):**

**Chapter 2**

**Background Knowledge**

**2.1 Background Knowledge**