

**East West University**

A project proposal on

"**Stock Market Simulator**"

Course Title: Object Oriented Programming (CSE 107)

Submitted to:

**Dr. Mohammad Rezwanul Huq**

**Assistant Professor  
Dept. of Computer Science & Engineering**

Submitted By:

**Shaykh Siddique**

**ID:2016-1-60-053**

**Section:2**

**Md. Ferdousur Rahman**

**ID:2016-1-60-025**

**Section:2**

**Project Title:** Stock Market Simulator.

**Name of sponsoring organization:** East West University

**Stock Market Simulator Project Proposal:**

**Executive Summary:**

Stock Business is now very popular profession. About 13,251.94 million USD are exchanged every year in our country with share market business. Generally all kind of managements are handled with a web based application. This project is similar to that stock market application, but it is more users friendly, secure, and very easy to use. The main target of this software is to teach people how to use software which is similar to stock market software.

**Project description:**

**Problem:**

People of our country don’t know how to use stock exchange based software. They face many difficulties to use that kind of software.

**Proposed solution:**

By making a Stock Market Simulator software stock exchange based applications can be introduced to all kinds of people.

**Software description and facilities:**

In this software, there will be two major branches one for share market administrator/moderator and other is for buyers and sellers (general user). From the administrator menu all the shares, price, share lots can be updated. In the other section, there will be containing new user registration, display user information, update user information, display market price, market information, display shares and lots, monthly review, buy and sell shares, news feeds and so on. All the data will be protected and secured.

**Key of the project:** As the project is developing software, C++ programming language is used to develop it.

**Running platform:** Windows, Linux.

**Authentication and security:** All the data will be secured and only accessible for valid user.

**Time scales:** It will take ten days maximum to finish the project.

**Risks:** As this is a simulator (virtual) of stock market based software if it is mix with real stock market based software it will be risky.

**Goals**: The goal of this software is to introduce general people, how to use stock market based software.