

Online trading website

Database Management System Lab



November 14, 2018

iiit kota

*Submitted By:-*

*Jayansh Goyal (2017kucp1042)*

*Shashwat Singh(2017kucp1054)*

*Submitted To:-*

*Ms Megha Sharma*

*Ms Anubha Jain*

**Project: Online Trading System**

**Introduction**

This document lays out a project plan for the development of “Online Trading System” a website by Shashwat Singh (2017kucp1054) and Jayansh Goyal (2017kucp1042) students of CSE 2nd Year, IIIT Kota under the Course: Database Management System Lab (CSP201).

The plan will include, but is not restricted to, a summary of the system functionality, the scope of the project, the process by which we will develop the project, and metrics and measurements that will be recorded throughout the project.

**Overview**

Nowadays, there are many websites in field of online stock trading but most of them are very complex and very hard to use or understand. This makes the work hard to do. In Today’s world we want everything to be done superfast so we aim to design a trading website which will be very easy to understand and use. In our website people can login, register, buy, sell and visualise stock from different real international companies and can earn directly from their home easily.

**Customers**

Anyone and everyone can use this application ranging from an adult to an old-age person because of highly interactive UX.

**Functionality/Features**

* Users will be able to register on our website.
* They will be able to login and logout.
* It fetches real time prices for the real stock symbols.
* You can buy stock as many as you want (According to your account balance).
* You can see your activities in the history tab.
* Users can also take loan.
* Users can also visualise the prices of the shares he/she has bought via price charts ranging for past 1 year.

**Platforms**

It will be launched as a Web Based Application.

**Development Responsibility**

We Shashwat Singh (2017kucp1054) and Jayansh Goyal (2017kucp1042) students of CSE 2nd Year, IIIT Kota have developed the software and we are responsible for the creation of the Database and all other stuffs.

**Deliverables**

* Source Code
* Final Project

**Technical Process**

Following would be the languages we would use to develop our application within the stipulated time period:

Front-end development: HTML5, CSS3, Jinja2.

Back-end development: Python3.6, Flask (Framework).

Database: sqlite3

Session – Management: Flask-Session