**Abstract of the Project**

**The system is designed for people to make investments in the company enlisted on the application. With the help of the application the people will be able to make profits by investing in the companies that they believe in. One can buy and sell shares and make profit.**

**The system provides all the details of the particular company, and helps analyse particular details of the company. The application is built using the Visual Studio 2019, and SQL Server.**

**As I’m a beginner and have no practical experience in the field of software development and moreover the Share Market is very wide. So, I have limited the scope of the project by computerizing the following fields of the Share Market System.**

* **Account Opening**
* **Access to Companies Profile**
* **Buy and Sell of the Shares**
* **Education about the Share Market**

**System Requirements**

* **Scope of System:**

**The application is built to provide education about Share/Stock Market, and break the superstition that investing is gambling and you can lose money in it. As I have made certain researches about investment and to my knowledge there are less than 5% people that have invested in the Share/Stock Market.**

**The System is built to encourage people to understand what investment is in Share Market sector and how it can help you with to earn profit just by investing.**

* **Problem Statement:**
* **Data redundancy and inconsistency.**
* **Data isolation.**
* **Security Problem.**
* **Communication gap.**
* **Updating problem.**
* **Functionality to be provided:**
* **Searching Criteria.**
* **Maintenance of the reports.**
* **Maintenance of the Daily Transaction that are ongoing in the Bank.**
* **Configuration Required:**
* **O/S – Windows 10**
* **RAM – Min 2 GB, 8 GB Recommended**
* **SQL Server Management Studio 18.**
* **Feasibility Analysis:**

**According to its workability, impact on the organization, ability to meet user’s needs and effective use of the resources its main task done during the feasibility study are:**

1. **Research done to gather more information about the software system. Evaluation of existing system and procedures. The evaluation is not done as the project is wild and consist more security and track the records of each transaction.**
2. **Analysis of alternative candidates’ systems/software’s I derived some of the alternative through which the project is evaluated and developed. The most appropriate is selected.**

* **Economic Feasibility:**

**The one tangible benefit provided by the proposed system is that the paper work is reduced to the minimum and hence the reduction in cost on Stationery and its storage is cut down. The system provides less paper work and higher efficiency.**

**The system is User-Friendly.**

* **Technical Feasibility:**

**The proposed system is technically feasible as it can be developed easily with the help of available technology. The proposed system requires Visual Studio 2019 as a Interface for programming and SQL-Server Management 18 for storing/maintaining database.**

* **System Design:**

**The CLR manages the execution of code of .NET languages.**

**Simple Faster Development**

**Automatic handling of system level task**

**Excellent Tool Support**

**Simple safer development**

**Scalability**

* **ER Diagram:**

