

## INTRODUCTION

The title of my project is “File Security System”. The proposed File Security System is an application that provides the users the flexibility of passing the information implementing the encryption standards and store the information in a form that is unreadable.

Encryption of data plays an important role protect the data from the unauthorized people and to avoid modification and misuse of the sensitive data. It alters the originality of the data into some encrypted form so that it cannot be altered and tempered by unauthorized access. The Application should have a reversal process as of which should be in a position to decrypt the data to its original format upon the proper request by the user. Before performing the Encryption and Decryption, the application should confirm the standards of authentication and authorization of the user.

### **Scope of the project**

- Errors should be detected and corrected.
- It should have a friendly GUI, it should have a self-learning mode for the end user and easy to use.
- It should provide all the functional standards of proper navigation to the end user using menu based navigation, helping the users to have a smooth flow while using the application.

### **Requirements:**

#### **Software Requirements:**

Operating System: Windows XP and Above

Front-end: Java JDK, J2Sdk, Swings

Back End: Oracle 8i

Communication Architecture: JDBC

#### **Hardware Requirements:**

Processor: Minimum Pentium IV Processor with 1.9 GHz Clock Speed

RAM: 512 MB RAM or more

Hard Disk: Minimum 20 GB HDD

Mouse: 3 Button scroll/ Wireless mouse

Key Board: 101 Standard keys

## RESEARCH METHODOLOGY

Various research methodology including review and analysis of past information came up with many innovative ideas for development of the system. Beside these, Research via internet, communication media, interview with the concerned parties, etc. were done for research and analysis.

## EXPECTED OUTCOME

The expected outcome of this project is to improve knowledge and skill on creating a live project. It will help me to implement the theoretical and practical knowledge in development of a project. These are some of the expected outcome of the project:

- Development of JSP, HTML, JavaScript, JQuery, CSS, Oracle skills.
- Development of real time working environment skills.
- Implementation of practical knowledge to gain work experience.

S.N.	Task name	Start	Finish
1	Initial research	11 Feb 2017	17 <sup>h</sup> Feb 2017
2	System analysis	18 <sup>th</sup> Feb 2017	25 <sup>th</sup> Feb 2017
3	System design	26 <sup>th</sup> Feb2017	16 <sup>th</sup> March2017
4	Coding	17 <sup>th</sup> March2017	15 <sup>th</sup> March 2017
5	Testing	16 <sup>th</sup> April 2017	27 <sup>rd</sup> April 2017
6	Documentation	28 April 2017	8th May 2017

## CONCLUSION

At the end, I would like to conclude that this project would be useful for the organizational purpose as well as it will be important for enhancing and sharpening my programming skills with real time working experience.

