PROJECT PROPOSAL
ON
DATA ENCRYPTION IN JAVA

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1. INTRODUCTION

Data Encryption Program

     I plan to develop a Data encryption program for java platform which will provide the user to encrypt data/message. The encrypted data will be in unreadable format. To read the same data user must use the program again and convert into a readable format. Data security is very important these days because of numerous threats a user can face while sending and receiving data. This application could be very useful in such a case, where, even if someone receives the message it will be unreadable to them.

2. SCOPE AND OBJECTIVES

    This application will have an easy user interface to handle the files. The basic scopes of what this program will be is as follows:

- Will create unreadable data which cannot be read without a key.
- Use of lightweight components
- User friendly interface
- User can encrypt or decrypt the data.
- Will be able to do the same task as more than one app.

The objectives of the News Fetcher are:

- To have securely send and receive data
- To implement privacy.
- To acquire proper idea on data encryption.
- To acquire knowledge about JAVA application development.

3. RESEARCH METHODOLOGY

Research is the basic step before starting any project. Various research methodology including research via internet, communication media, etc were done for further research and analysis. Some of the various methods used for undertaking the project are discussed below:

3.1. LITERATURE REVIEW

3.2. INTERNET AND MEDIA

Internet and media can be the best source for gathering information and undergo research in today's scenario. Several ideas, information and techniques regarding what one needs to do for encryption of data and decryption can be found

4. TIME SCHEDULE:

Task Name	Start Date	Duration	End Date
Planning for the project	02/08/2017		02/17/2017
Understanding the requirement	02/17/2017		
Research on JAVA Application Development			
System Design			
Coding			
Testing			
User Review			
Documentation			

5. CONCLUSION

I plan to develop a java program that will encrypt data and will give a key to user. The saved data will be in unreadable formant and will be of no use for third party. To decrypt the data, user must use the same key to decrypt the data only then the unreadable data will become readable.