**Project:**

This project is about encrypting and decrypting messages using cryptography algorithms like vigenere cipher and RSA cipher etc. You can also send messages to other pc’s.

**Scope:**

In this project am implementing two algorithms of cryptography:

* Vigenere Cipher
* RSA Cipher

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| **Date** | **Work** |
| 22-04-15 | Today I made a new project. I made a form that represents the interface of my project. |
| 28-04-15 | Am started writing functionality of Vigenere\_Algorithm. First am getting message and key from user. Then am passing it to the vigenere class and trying to encrypt the message using the key. |
| 29-04-15 | I fixed the problem of getting ASCII value. |
| 30-04-15 | Started writing the functionality of decryption of encrypted text for vigenere algorithm. |
| 03-05-15 | Handling Exceptions or errors in Decryption function. |
| 06-05-15 | Editing interface. |
| 06-05-15 | I used try and catch functionality to handle exceptions. And also started writing functionality of connecting two different networks. |
| 08-05-15 | Completed functionality of connecting two different networks. Also resolved errors occurred while sending messages over the network. |
| 10-05-15 | Writing documentation. |
| 10-05-15 | Adding more functionalities like sending messages again. |
| 10-05-15 | Fixing selection of radio button and problem facing when sending message again. |
| 13-05-15 | Modifying Interface and make it suitable for RSA Algorithm |
| 13-05-15 | Aligning flow of project. |
| 13-05-15 | Sending message over networking through RSA Algorithm |
| 14-05-15 | Adding Functionality of decryption through RSA Cipher. |
| 14-05-15 | Editing documentation file. |
| 20-05-15 | Changing in interface and removing errors. |
| 20-05-15 | Adding login feature. |
| 23-05-15 | Handling some logical errors while sending and receiving messages |
| 23-05-15 | Added separate panel for connecting different networks |
| 23-05-15 | Editing Interface |
| 23-05-15 | Handling errors occurred in networking functionality |
| 24-05-15 | Editing Documentation file. |
| 24-05-15 | Adding feature of receiving voice message. |
| 24-05-15 | User can enter only pin number to login and user can also logout whenever he wants. |
| 26-05-15 | Testing my vp project by giving different inputs |
| 03-06-15 | Reviewing my vp project |
| 03-06015 | Introducing new feature of “Instructions and knowledge related to things used in this project ” |
| 03-06-15 | Writing Documentation file. |
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