

USER MANUAL

File encryption

Encryption is the process of translating plain text data (plaintext) into something that appears to be random and meaningless (ciphertext). Decryption is **the process of converting ciphertext back to plaintext**. ... To decrypt a particular piece of ciphertext, the key that was used to encrypt the data must be used

DESKTOP APPLICATION:

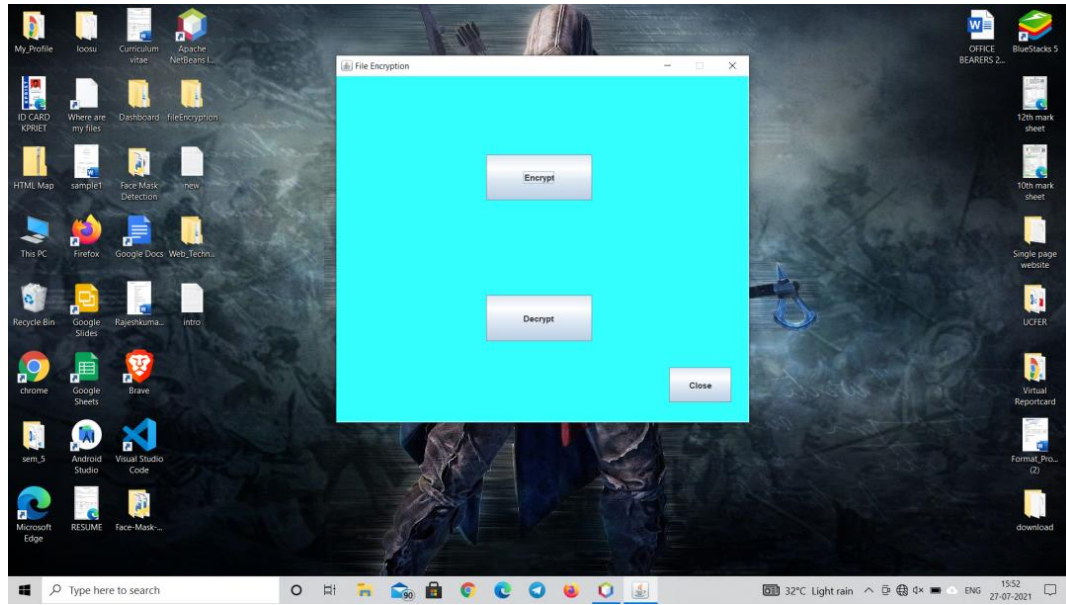
Software required:

- java jdk8
- windows7
- linux all version

Editor used : Netbeans

Language used : java

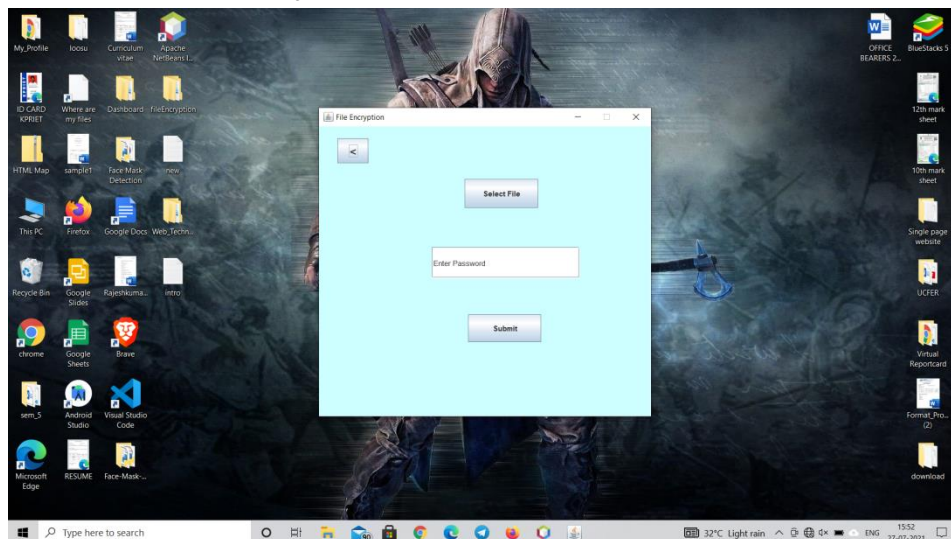
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The application will show the two option 1.ENCRYPT
2.DECRYPT

ENCRYPTION :

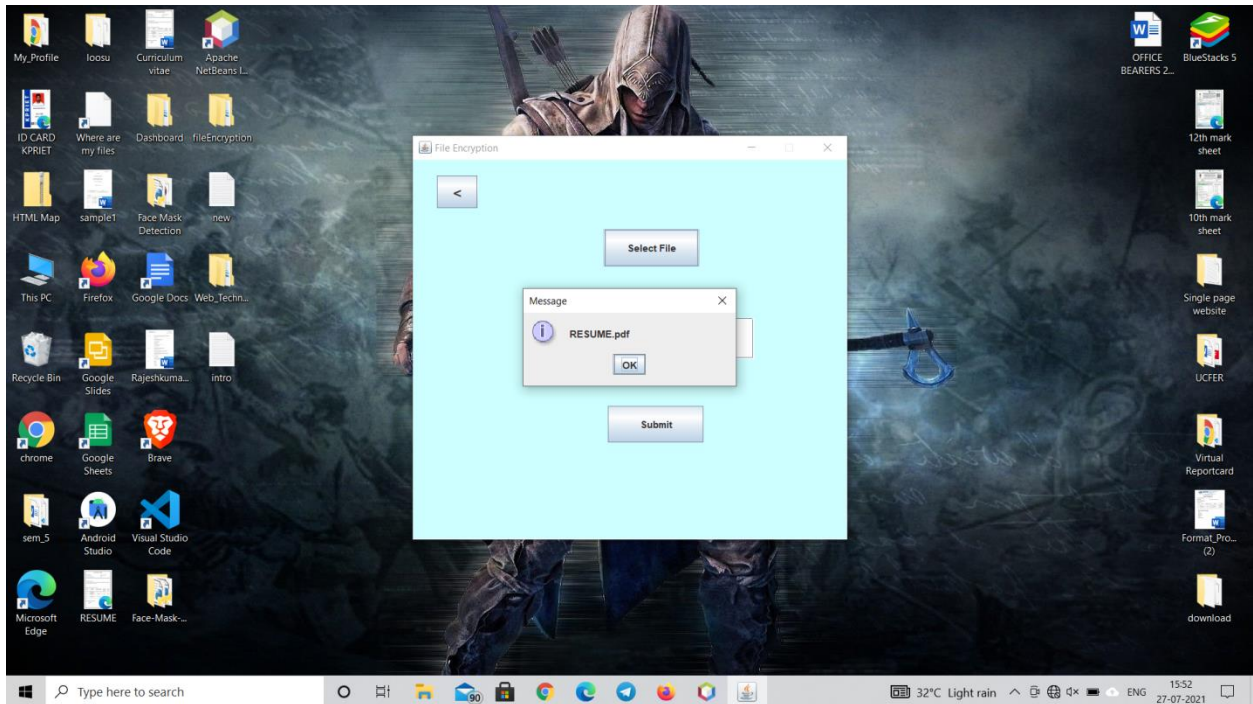
- When we click the encrypt option it will ask for the file to be encrypted.



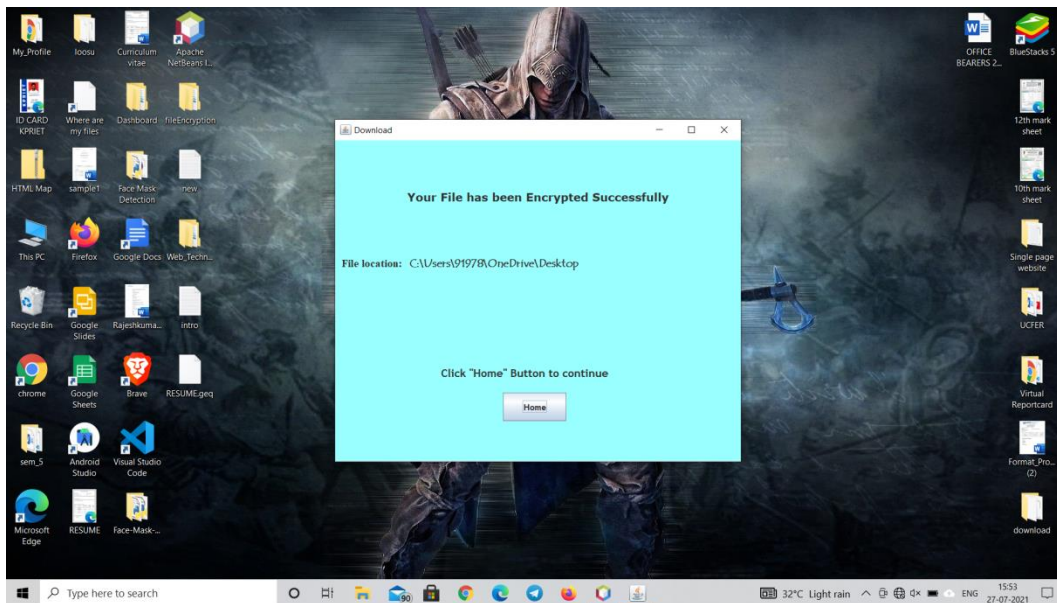
- It will ask for the password for security purpose.

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- The file chosen can be in any format with many extensions (pdf,txt.png,audio..)



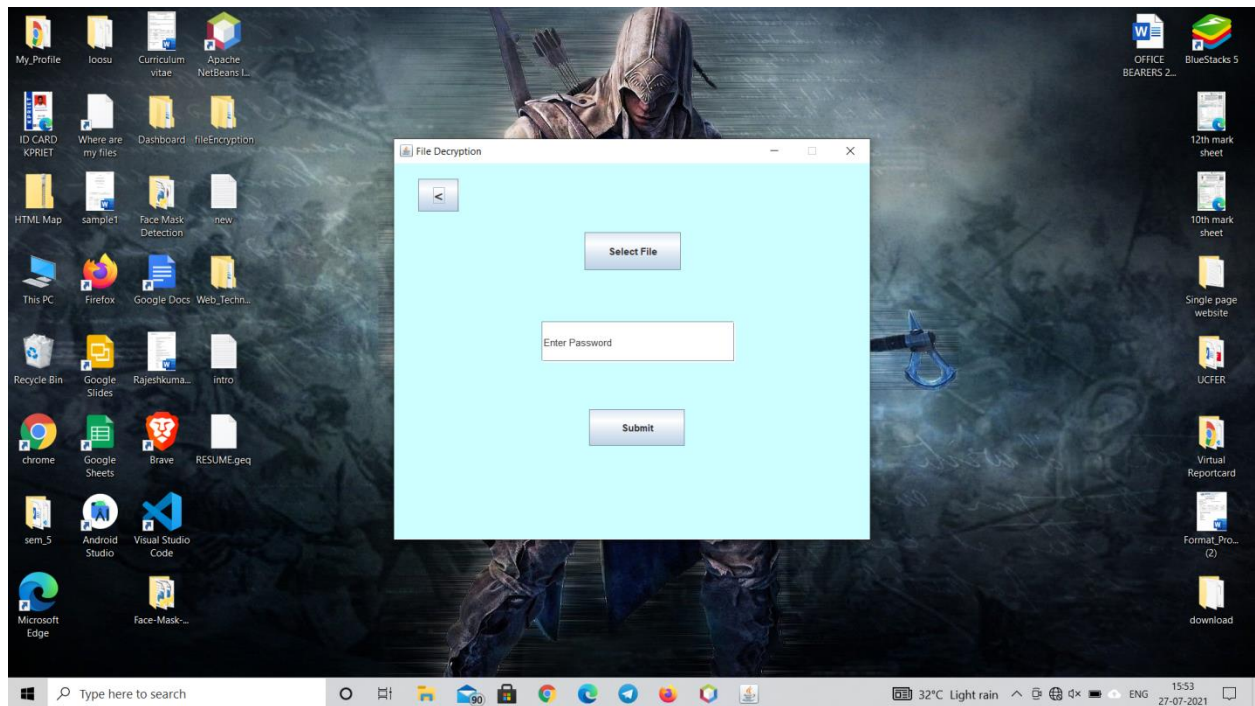
- Here the file chosen is of the pdf format and the file name is RESUME.



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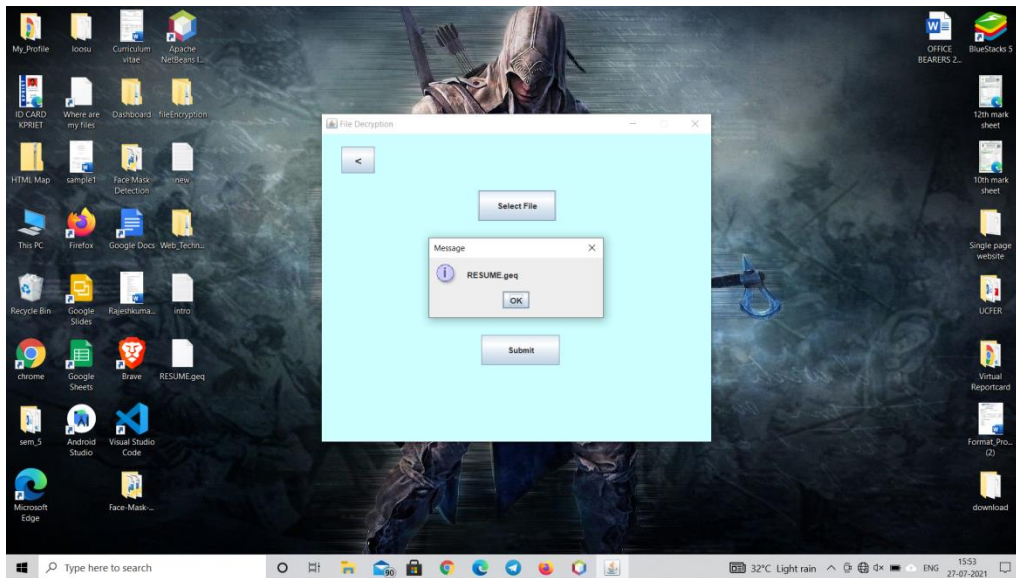
- It will display the chosen file has been encrypted successfully.
- The location of the encrypted file is also displayed.
- The home button will return to the encryption and decryption option

DECRIPTION:

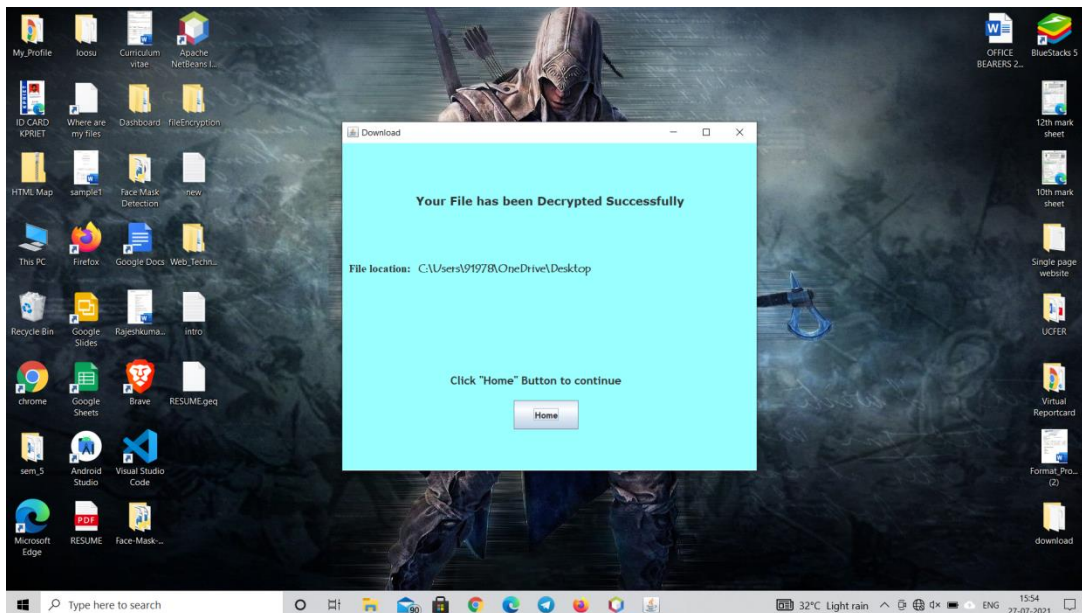


- If we click the decryption option it will also ask for the file to be decrypted.
- In the password box we want to put the password assigned to the file while encrypting.

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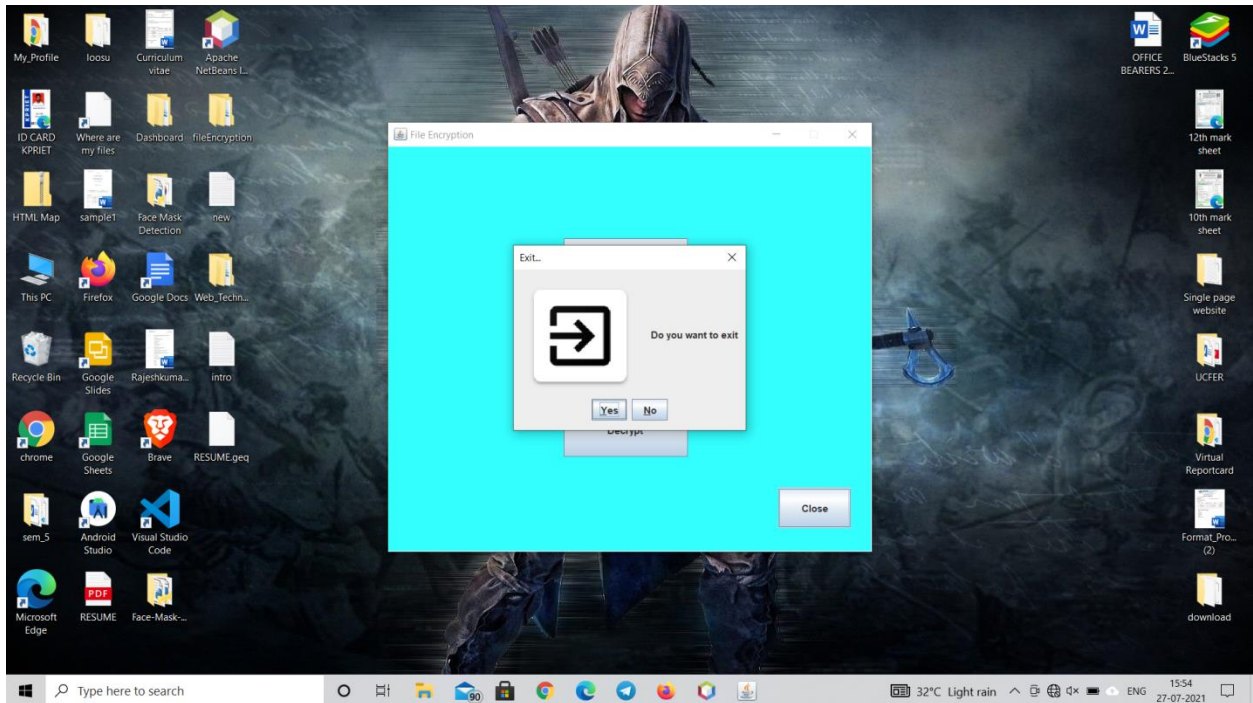


- In this we choose the encrypted file with name RESUME for decryption

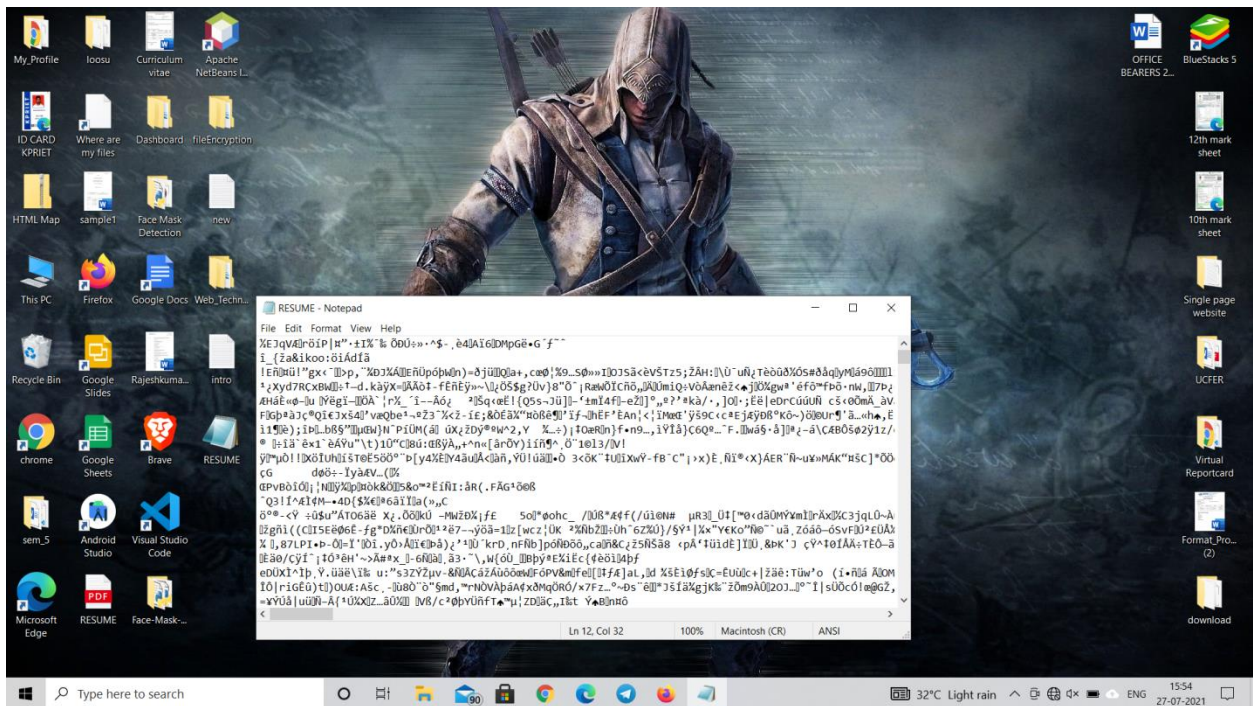


- It will also show the location of the decrypted file.
- When we click the home button we will return to the encryption and decryption option.

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- When we click the close button it will ask for the option “Do you want to exit”,if we give yes it will come out of the application.



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- When we see the encrypted file RESUME , the content of the file will be in all alphabets and numbers that makes no meaning.

Web Application:

Software required:

android above version 5

Windows above version 7

Chrome version 11

Firefox version 26

Safari version 6.1

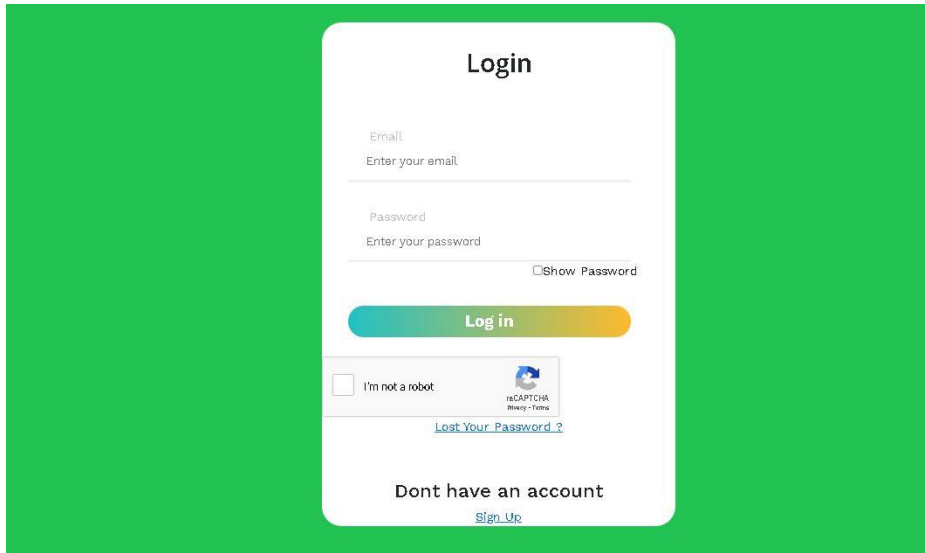
Editor used : visual studio

Language used : react js

List of pages:

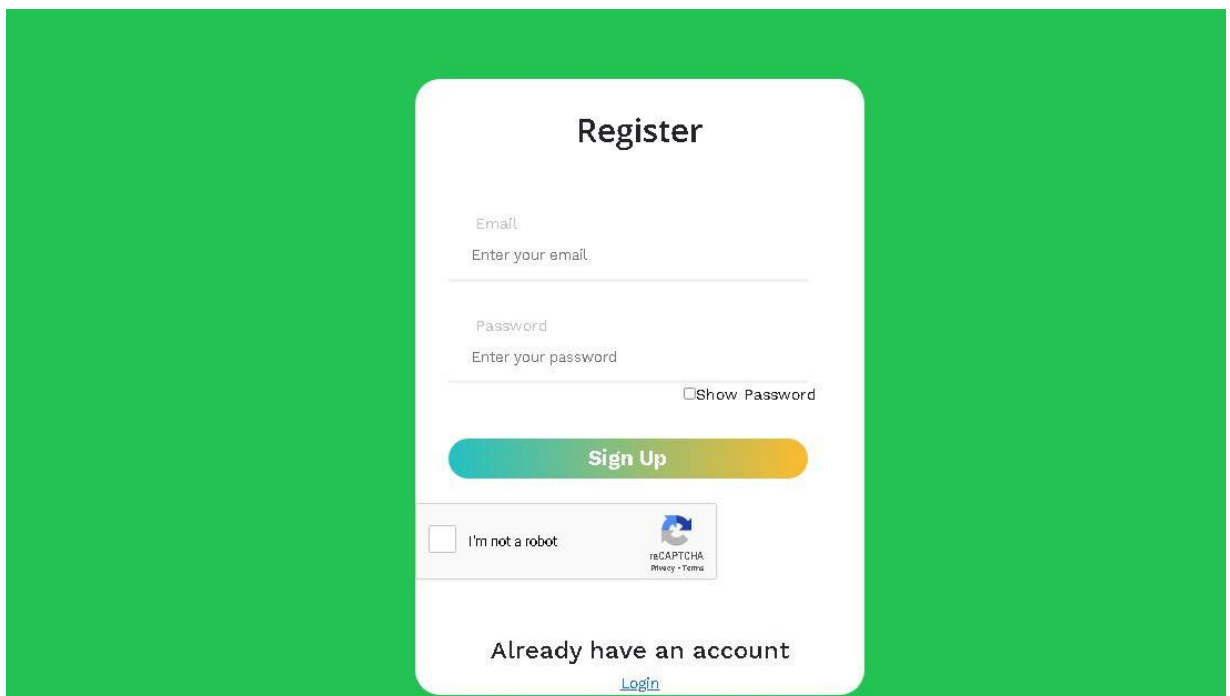
- Register
- Login
- Change password
- Encrypt and decrypt
- List of file name
- Reset password

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The image shows a 'Login' form centered on a green background. The form is white with rounded corners. At the top, the title 'Login' is displayed. Below it, there are two input fields: 'Email' with the placeholder text 'Enter your email' and 'Password' with the placeholder text 'Enter your password'. A checkbox labeled 'Show Password' is located to the right of the password field. Below the input fields is a large, rounded button with a blue-to-yellow gradient, labeled 'Log in'. Underneath the button is a reCAPTCHA widget with the text 'I'm not a robot' and a checkbox. To the right of the checkbox is the reCAPTCHA logo and the text 'reCAPTCHA Privacy - Terms'. Below the reCAPTCHA widget is a link labeled 'Lost Your Password?'. At the bottom of the form, the text 'Dont have an account' is displayed, followed by a link labeled 'Sign Up'.

- If you have account you can login with your email id and password.
- If you don't have an account you will redirected to sign up page .

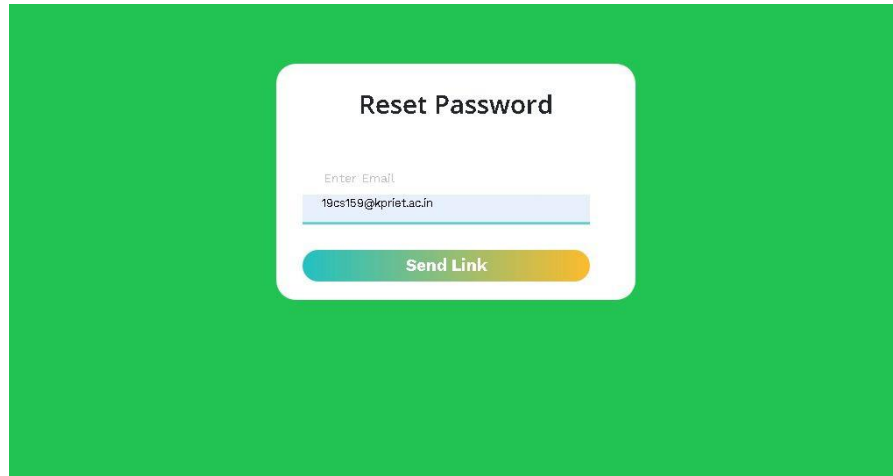


The image shows a 'Register' form centered on a green background. The form is white with rounded corners. At the top, the title 'Register' is displayed. Below it, there are two input fields: 'Email' with the placeholder text 'Enter your email' and 'Password' with the placeholder text 'Enter your password'. A checkbox labeled 'Show Password' is located to the right of the password field. Below the input fields is a large, rounded button with a blue-to-yellow gradient, labeled 'Sign Up'. Underneath the button is a reCAPTCHA widget with the text 'I'm not a robot' and a checkbox. To the right of the checkbox is the reCAPTCHA logo and the text 'reCAPTCHA Privacy - Terms'. Below the reCAPTCHA widget is a link labeled 'Login'. At the bottom of the form, the text 'Already have an account' is displayed, followed by a link labeled 'Login'.

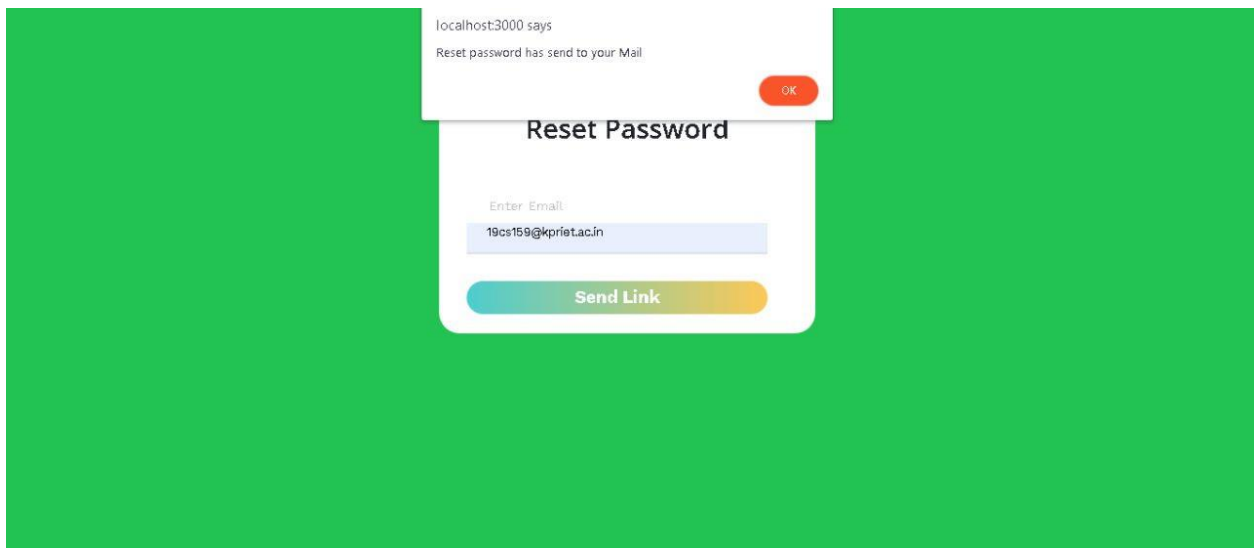
- There you can register with your email id and password.

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- If you forgot password you can change the password by resetting your password.

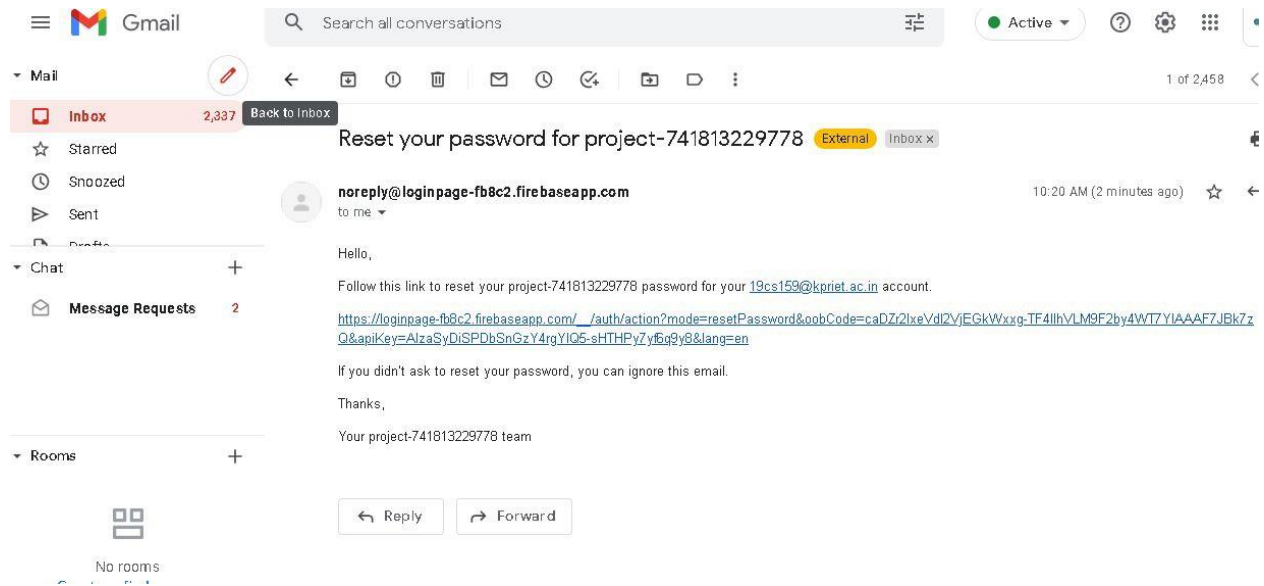
A screenshot of a web application with a green background. In the center is a white rounded rectangle titled "Reset Password". Inside this rectangle, there is a label "Enter Email:" above a text input field containing the email address "19cs159@kpriet.ac.in". Below the input field is a button with a blue-to-yellow gradient and the text "Send Link".

- There you need to put your email id by the reset password link will send to email.



- Here the Mail is send to 19cs159@kpriet.ac.in to reset the password.

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- By clicking the link we can reset the password.

Reset your password

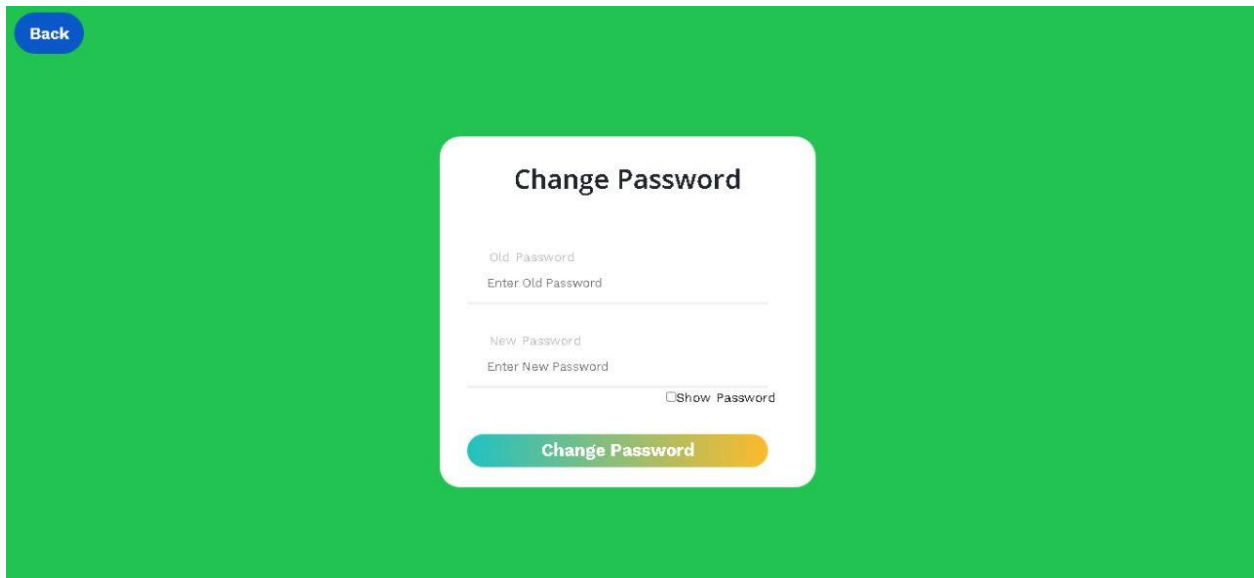
for shanmugasundaram2910@gmail.com

New password

SAVE

- By giving your new password you can reset the password.
- You can also change password by clicking the change password after your login.

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The image shows a 'Change Password' form on a green background. In the top left corner, there is a blue circular button labeled 'Back'. The form itself is a white rounded rectangle with the title 'Change Password' at the top. It contains two input fields: 'Old Password' with the placeholder text 'Enter Old Password' and 'New Password' with the placeholder text 'Enter New Password'. To the right of the 'New Password' field is a checkbox labeled 'Show Password'. At the bottom of the form is a large, rounded button with a blue-to-yellow gradient, labeled 'Change Password'.

- You want to put the old password and the new password .
- After your login page you will directed to encrypt and decrypt page.

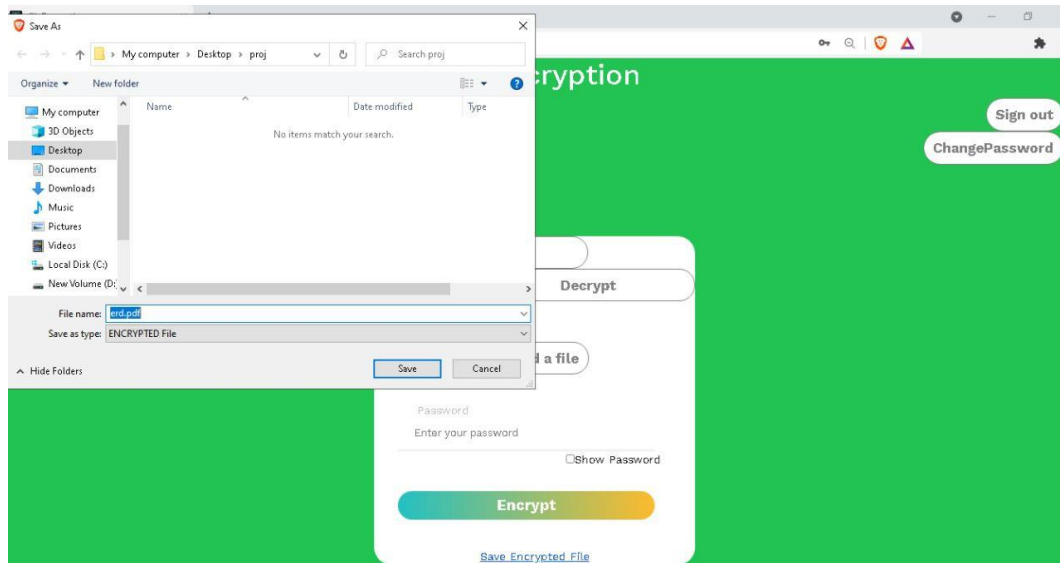


The image shows a 'File Encryption' interface on a green background. At the top center is the title 'File Encryption'. In the top left corner is a white button labeled 'Show List'. In the top right corner are two white buttons: 'Sign out' and 'ChangePassword'. The main content is a white rounded rectangle. At the top of this rectangle are two tabs: 'Encrypt' (which is selected) and 'Decrypt'. Below the tabs, the word 'Encrypt' is displayed. There is an 'Upload a file' button. Below that is a 'Password' input field with the placeholder text 'Enter your password'. To the right of this field is a checkbox labeled 'Show Password'. At the bottom of the form is a large, rounded button with a blue-to-yellow gradient, labeled 'Encrypt'. Below this button, the text 'Save Encrypted File' is visible.

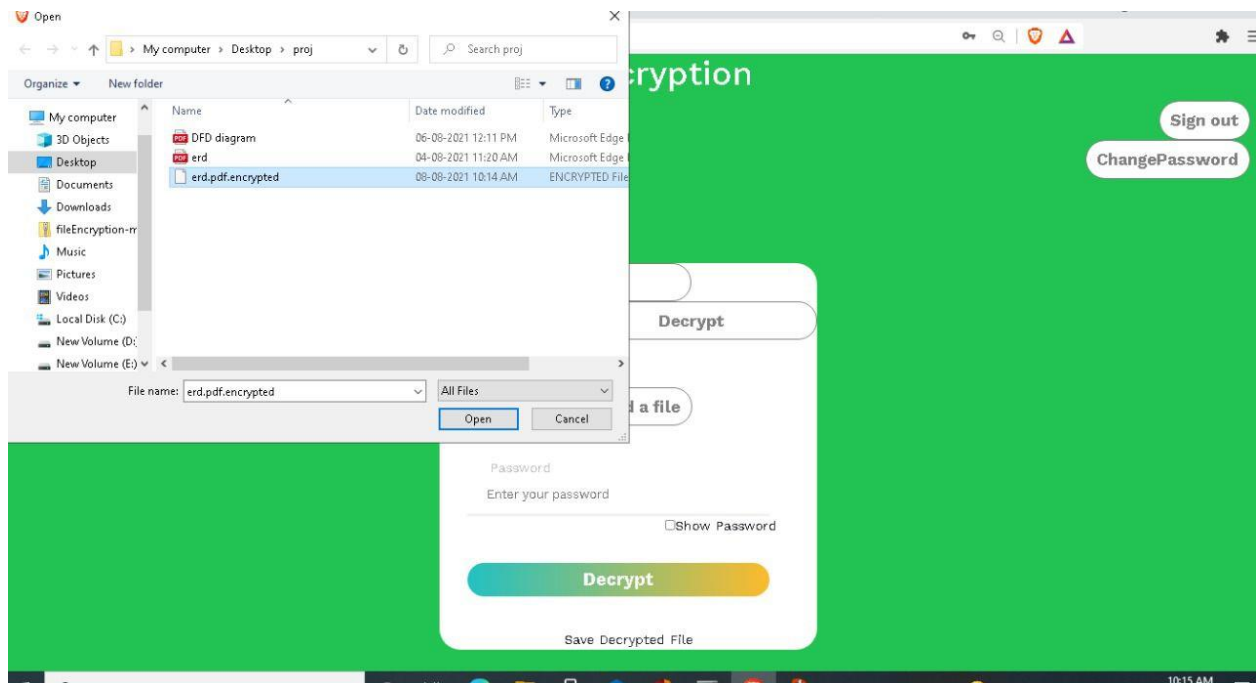
- There you can select the option whether the encrypt or decrypt.

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- When you click the encrypt it will ask the location of the file to be encrypted.



- There we need to mention the name of the file to be encrypted.



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- There we need to put the password for the file for encryption.
- The same process is repeated for the decryption, the file is selected and the password is given for decryption while given before encryption.
- The list of encrypt file is shown in the list page.



id	Type	Filename	Date and Time
_1627748321116	Encrypt	background.jpeg	2021-7-31---21:48:41
_1627748532501	Decrypt	background.jpeg.encrypted	2021-7-31---21:52:12
_1628397739676	Encrypt	erd.pdf	2021-8-8---10:12:19
_1628397872901	Encrypt	erd.pdf	2021-8-8---10:14:32

Guided by :

Sanjay kumar

Done by:

1.Sriram P

2.Rajeshkumar S

3.Sudev sasikumar

4.Shanmuga Sundaram M

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