SEND 9: SEND LARGE FILES ONLINE

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Abstract

Electronic mail (e-mail), an internet based method for exchange of digital messages between users extended by Multipurpose Internet Mail Extensions (MIME) to carry multimedia content attachments. There are certain limitations with the various free mail providers (like Hotmail, Yahoo! Mail, Gmail, etc.); size of the file attachment, FTP setup complications, account management, registration and verification process, no system for tracking guaranteed delivery of critical files etc.

This Research Paper gives an idea about **Send 9** to address these limitations, which sends a large file online.

Keywords: Big size file, Responsive, hassle-free, secure.

Introduction

Send 9 is an online platform that provides the infrastructure to send large files of maximum size 9GB.Send Large Files Online - The best solution to send big files to your clients. It provides 100% secure, fast and reliable delivery for each and every file sent through Send9. This service is provided absolutely free without any login or subscription.

Objective

- To create a software for sending file online of maxsize 9GB as an e-mail attachment.
- To ensure file of any format can be attached to e-mail.
- To create the service of send9 completely hassle-free.
- To make the service of send9 registration free and cost free.
- To provide security for file attachments.

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Scope

Send9 software has been created to send up to 9 Gigabyte file size.

No registration and email verification is required. It's Free of cost.

It's safe to send files. It is platform that allows anyone in the world to send large files. It does this by allowing uploading file to servers and it sends a link to a page where the file can then be retrieved by recipient.

Technology used

Front end:

HTML5, CSS3, Bootstrap, jQuery

Back end:

PHP, MySQL

- It is platform independent on any device
- It is work on any web browsers

Description of Modules

Send with email

The intended recipients are sent a system-generated password to their mail ID, which is required to access the files.

Share with link

This option does not require providing any Email ID.

Once all files are uploaded and are sent, it will provide a link and pass code which can be shared with the recipient

Show the files

This is to view the uploaded files where the user uploaded and view to the recipient.

Individual file can be downloading by clicking download icon available in front of the file.

Algorithm

//For send via email upload

Algorithm email_upload(recpt,sender,msg,file) //This is to upload via email.

{

       Post(recpt,sender,file,password); // This is post the data in database.

       Display(link,password); // Its display the download link and password.

       Move(foldername,file); //It is use to move the file in the folder..

       randomPassword(); //Its generate random password for file access

}

Post()

{

       If(dbconnect == false)

       {

              Show("error messege");

       }

       Else{

              recpt = $_POST['Recipient'];

              sender = $_POST['sender'];

              msg = $_POST['message'];

              file = $_POST['file'];

       INSERT INTO em_file

       (recipient,sender,message,file,password) VALUES ('rec','send','msg','file','pass')"; //

To insert the data in the database.

       SELECT id,password FROM em_file WHERE file = 'file';

       // Fetch the id and password from the database.

       Row = mysqli_fetch_array($res);

       Password = $row['password'];

       }

}

Move()

{

              file = $_POST['file']; //that file is move in the folder

              upload(foldername.file);

}

Display(id[])

{

      If(error == true){

           Show("error message");

      }

```
        Else{
        link := url.id[];
        Pass := "password";
        Messege("file uploaded");
        }
}
//Generate passssword
randomPassword()
 {
        alphabet =
"abcdefghijklmnopqrstuwxyzABCDEFGHIJKLMNOPQRSTUWXYZ0123456789";
pass = array(); //remember to declare pass as an array
alphaLength = strlen($alphabet) – 1; //put the length -1 in cache
for (i = 0; i < 8; i++) {
n = rand(0, $alphaLength);
pass[] = $alphabet[n];
   }
return implode(pass); //turn the array into a string
}

Algorithm share_upload() // This is to upload file via share link.
{
        Post(file,password); //This is to post data in the database.
        Display(link,password); // display the download link password.
        Move(foldername,file); //Its move the file into the folder
        randomPassword(); //Its generate random password.
}
Post()
{
        If(dbconnect == false)
        {
                Show("error messege");
        }
        Else{
                file = $_POST['file'];
                INSERT INTO sh_file(file,password) VALUES('file','pass');
                sqll="SELECT id,password FROM sh_file WHERE file = 'file'";
                row = mysqli_fetch_array(res);
                Password = $row['password'];
        }
```

}

Limitations

- The file size is limited up to 9 gigabyte per transfer.
- It cannot scan for any malware detections.
- The files are store in server is long time so the more server space is required.
- When upload folder it's required to convert in .zip or .rar file.

Conclusion

This system was designed in such a way that future modifications can be done easily.

The following conclusions can be deduced from the development of the project.

- It provides a friendly graphical user interface which proves to be better when compared to the existing system.
- It gives appropriate access to the authorized users depending on their permission.
- It effectively overcomes the delay in communications.
- Updating of information becomes so easier.
- System security, data security and reliability are the striking features.
- The system has adequate scope for modification in future if it is necessary.

Reference

1. Programming knowledge - http://www.w3schools.com
2. Responsive web design - http://getbootstrap.com