SRS

Data Compression and Transfer

1. Authentication
   1. Login

Description: Verify user’s credentials to let him/her in.

Input: Login Credentials

Output: True or not

If true:

Redirect to home main

Page

Else:

Display error message

* 1. Create Account

Description: Create your entry in database

Input: Credentials as required.

Output: Creation of account if all validations are satisfied

* 1. Logout

Description: End Session

Input: Click on Logout

Output: Redirect to home page and end the user session.

1. User Data

Description: Handling user data

* 1. Edit Users credentials

Description: Change users data

Input: Changed data

Output: save changes

* 1. Delete Account

Description: Allows to delete

Input: Click on delete button

Output: Remove its entry from database

1. Data Transfer

Description: Send or Receive Any file from one user to other.

* 1. Send Data

Description: Send any file to user.

Input: File to be transferred and user to whom it is to be transferred.

Output: Feedback of whether it is successfully transferred or not

* 1. Receive Data

Description: Receive File send by the sender.

Input: Click on Download button.

Output: File download and decompressed.

1. Compression and Decompression Data

4.1 Compress

Description: Reduce the size of file

Input: File to be compressed

Output: Compressed file.

4.2 Decompression

Description: Convert the compressed file to its original size

Input: Compressed File

Output: Decompressed file.

5 Admin

5.1 System Maintenance

Description: Handle Users Data and system maintenance

5.2 New Version Upload

Description: Upload a new version of app