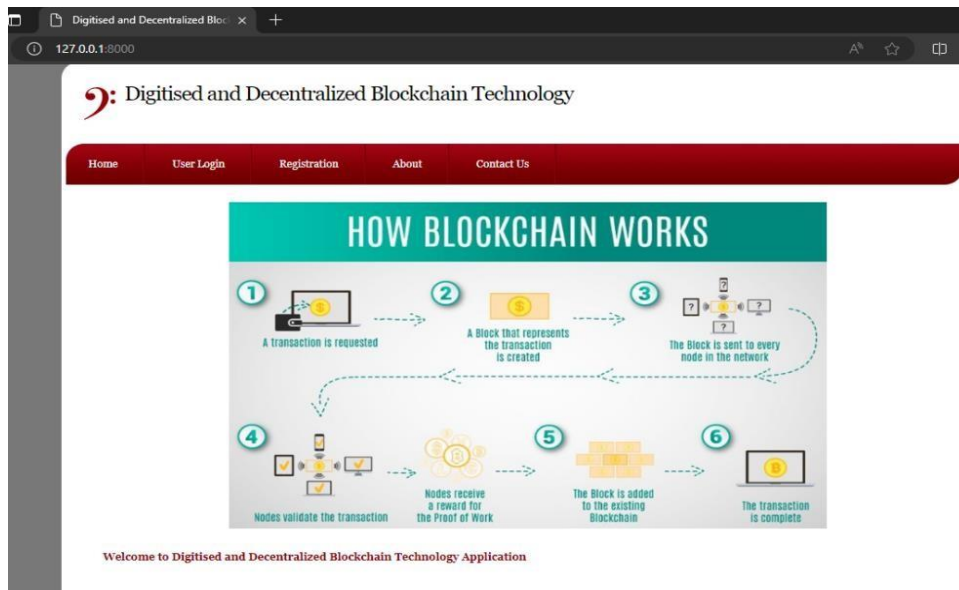
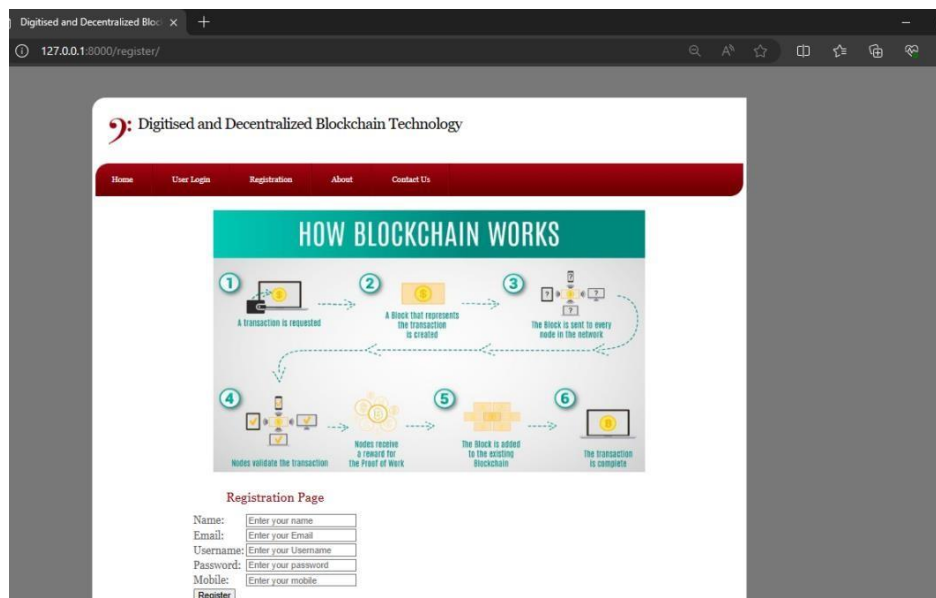


OUTPUT SCREENS



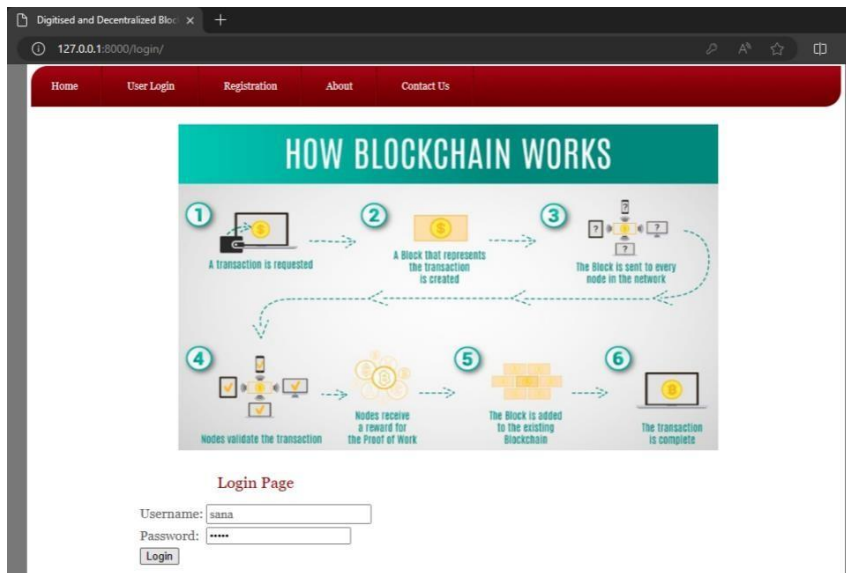
Home page of the interface.

We can find some options on home page for user login to sign in the application for completing the tasks regarding the transactions. Other options such as registration for a new user to create new account or register as a new user.



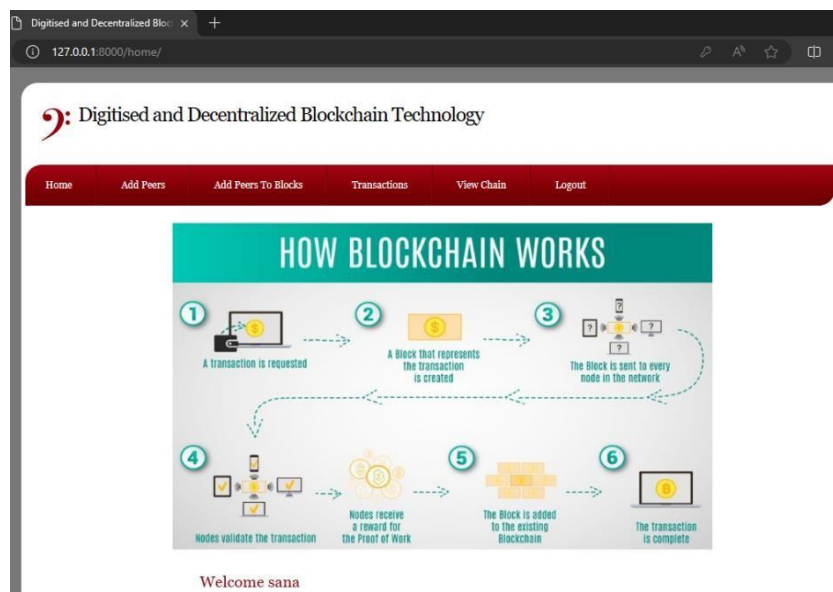
Registration page of the website.

We can find the registration page is opened when we have clicked on Registration option from the home page. While a new user tries to register and create an account in the website, he/she should add some basic details such as Name, email, Username, password and mobile number. After adding these details new user can create an account.



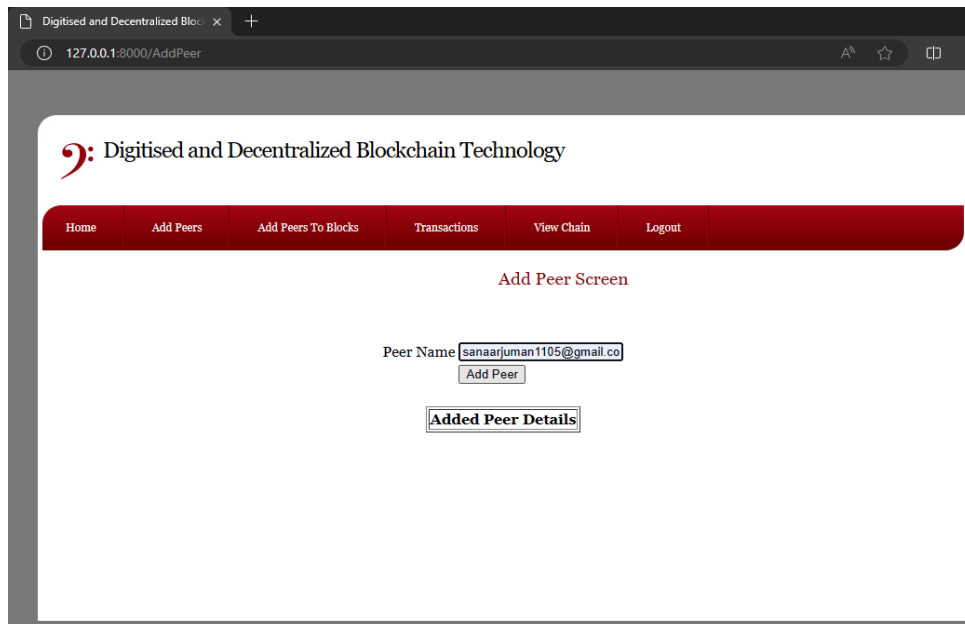
Login page of the website.

We can find a login page where we need to give the credentials that are made while creating an account, then after verifying the account credentials it gives access to the user to the website. In case incorrect credentials are entered you will be notified that login failed.



Attaining access to the website.

We can see after entering the credentials and verification from the backend the user has logged in his/her account and can request for the transactions.



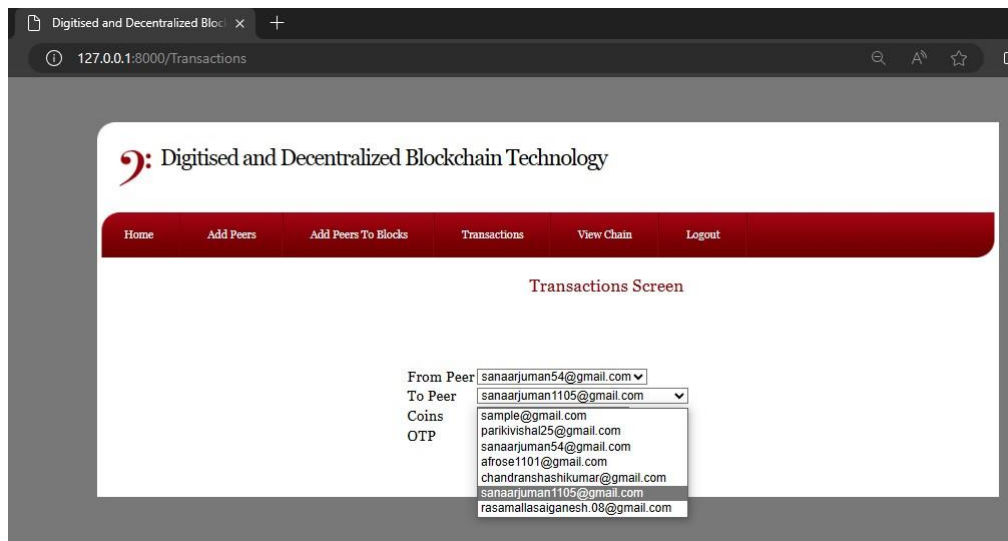
Adding Peers

We can find a Add peers to blocks option to which we need to add the peer(receiver mail id should be added) i.e., mail id for making a transaction and generating a unique id that is hash function.

Block No	Block Name	Previous Proof Hash	New Hash
1	['sample@gmail.com']	c2ebcce685c747a3ac1816ae7fa50938c6c4393a6b2e9523e285045cf7c64ce8	00526a77c9b92de96c5dbc32c6504c92d78a1f
2	['parikivishal25@gmail.com']	00526a77c9b92de96c5dbc32c6504c92d78a1f77555c12535af06633b070191b	007e16369463540ed009f863c767b4ba3782f8
3	['sanaarjuman54@gmail.com']	007e16369463540ed009f863c767b4ba3782f89c5e61a7af969b8443664735a3	0004dad73871f7446882560e6df2105a18edd2fc39678a4d8a2c39e2fcea5c
4	['afrose1101@gmail.com']	0004dad73871f7446882560e6df2105a18edd2fc39678a4d8a2c39e2fcea5c	00abc333bd0f6691506a754a87da5c077bbe4f508eeceboe780c1ad4c4c6dd61
5	['chandrashashikumar@gmail.com']	00abc333bd0f6691506a754a87da5c077bbe4f508eeceboe780c1ad4c4c6dd61	009e89d620bcea32490d6e36c05a34600fcf4c
6	['sanaarjuman1105@gmail.com']	009e89d620bcea32490d6e36c05a34600fcf4c2d40c59710fie32749f60ce87	004be5d98e1dd9e1a42e198fb72868f337dd7276552748032e25e590d6bo8d55
7	['rasamallasaiganesh.o8@gmail.com']	004be5d98e1dd9e1a42e198fb72868f337dd7276552748032e25e590d6bo8d55	0016b64addb65d75aad55665a2da3f6f0c1b82

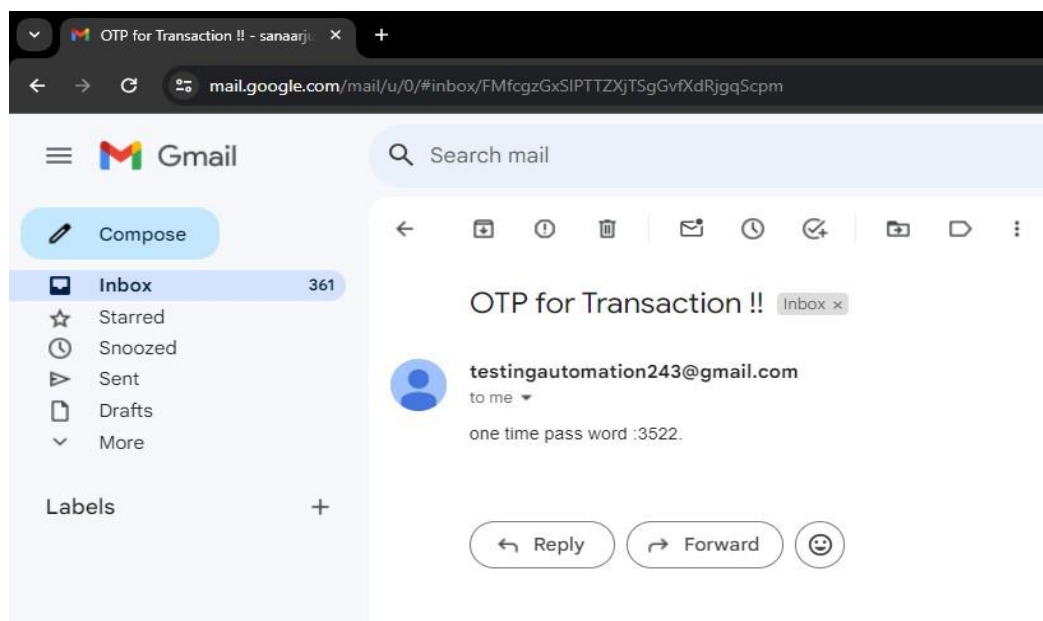
Table with all the peers added to the block of respective account.

We can visualize a table with the data of Block name which is the mail id added previously to block and proof hash(generated message digest) with new hash.



Transaction Screen

We have a transaction screen where the user need to select the peer to which the transaction is need to be done and this can be done by some secure tasks as entering the OTP that would be generated and sent to the sender mail.



OTP Generation

In this way OTP is generated and sent to the sender's mail for validation of the transaction.

Digitised and Decentralized Blockchain Technology

Home Add Peers Add Peers To Blocks Transactions View Chain Logout

Transactions Screen

From Peer sanaarjuman54@gmail.com
To Peer sanaarjuman1105@gmail.com
Coins 500
OTP 3522
Submit Transaction

Submitting step

After entering the OTP that is generated the website validates the one-time password and according to the request and authentication the transaction is done to the respective entered peer details.

Digitised and Decentralized Blockchain Technology

Home Add Peers Add Peers To Blocks Transactions View Chain Logout

Transactions Screen

Transaction complete between sanaarjuman54@gmail.com and sanaarjuman1105@gmail.com coins 500

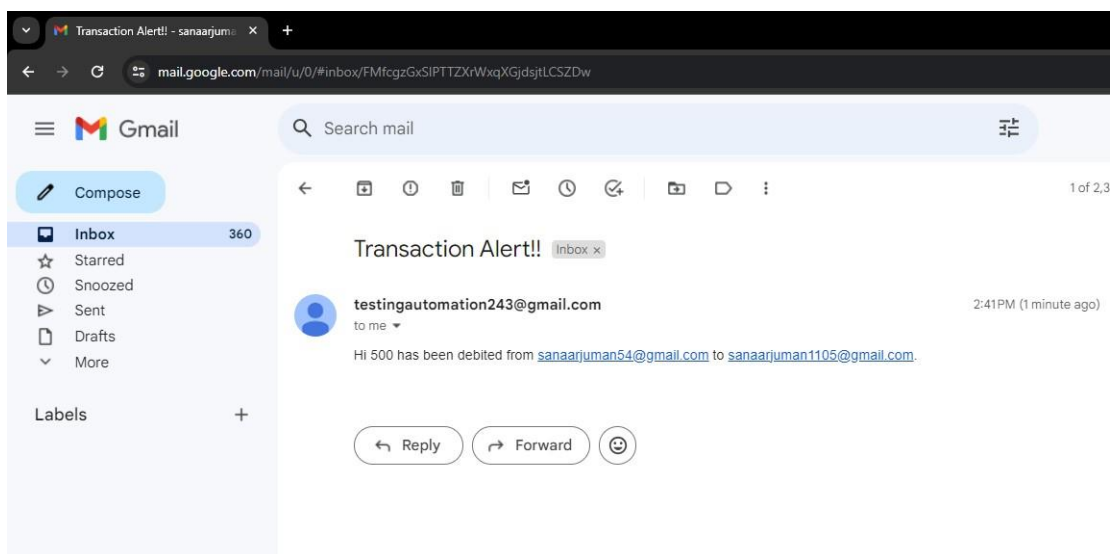
Acknowledgement page

After the transaction is completed, an acknowledgment is given on the transactionscreen mentioning from which peer to which peer the transaction is done.

Transaction No	From Peer	To Peer	Coin	Transaction Date
0	parikivishal25@gmail.com	sample@gmail.com	20	2024-02-27
1	ashok@gmail.com	parikivishal25@gmail.com	100	2024-02-27
2	sanaarjuman54@gmail.com	sample@gmail.com	2000	2024-02-27
3	afrose1101@gmail.com	sanaarjuman54@gmail.com	1000	2024-02-27
4	afrose1101@gmail.com	sample@gmail.com	2300	2024-02-27
5	afrose1101@gmail.com	sanaarjuman54@gmail.com	2300	2024-02-27
6	afrose1101@gmail.com	sanaarjuman54@gmail.com	5600	2024-02-27
7	afrose1101@gmail.com	sanaarjuman54@gmail.com	5600	2024-02-27
8	sanaarjuman54@gmail.com	afrose1101@gmail.com	4300	2024-02-27
9	sanaarjuman54@gmail.com	chandrashashikumar@gmail.com	345	2024-02-27
10	sanaarjuman54@gmail.com	afrose1101@gmail.com	678	2024-02-27
11	sanaarjuman54@gmail.com	afrose1101@gmail.com	678	2024-02-27
12	sanaarjuman54@gmail.com	afrose1101@gmail.com	89	2024-02-27
13	sanaarjuman54@gmail.com	afrose1101@gmail.com	78	2024-02-27
14	sanaarjuman54@gmail.com	sample@gmail.com		2024-02-27
15	sanaarjuman54@gmail.com	chandrashashikumar@gmail.com	786	2024-02-27
16	sanaarjuman54@gmail.com	chandrashashikumar@gmail.com	786	2024-02-27
17	sanaarjuman54@gmail.com	sample@gmail.com	9087	2024-02-27

History of the transactions are added to the table.

In the table we can find all the transactions which are done from the website including to which peer to which peer the transaction is done including the transaction amount and the date.



Transaction Alert

There will be an acknowledgement sent via mail as an alert to the sender showcasing the amount debited from their account and to whom it's sent.

