

PAI project documentation

- Online banking system -

An online banking system is a digital platform provided by a financial institution that allows customers to access and manage their bank accounts, conduct financial transactions and access various banking services over the Internet. Through this system we can have 24/7 access to our bank account, we can avoid queues at ATMs and most importantly we can make almost instant and secure transactions from anywhere in the world using only the internet connection.

Knowing the importance of an online banking system, I decided for the project at PAI to create such a system based on a web application, where users can register very quickly and make transfers between other users.

On the frontend I used HTML, CSS and JavaScript, and on the backend I used PHP and MySQL. The website consists of three web pages : login/register, user account, payments.

In the login/register page, the user can register in the application by filling in the related form that will be validated by the system.

Welcome to Online Banking

Login

*Username:

*Password:

Login

Register

*Username:

*Password:

*Email:

*Full name:

*Card number:

Amount:

Other info:

Register

The login/registration page

After he has logged in, he can access his account where he will be able to see his account information [1], the card number [2], as well as the last payment related to his account [3]. Also there is a special form to upload an amount of money desired in account [4] and a form to perform a new transaction to another user [5].

Lucian Godeanu

Personal Information
 User: luci
 Email: lucian27godi@gmail.com
 Other Information: 0721704121, Timisoara, Timis, Romania

Card Information
 Card Number: 1234123412341234

Payments
 Transaction ID: d980aebf-718c-11ee
 Sender: dev
 Receiver: luci
 Sum: \$ 100.00
 Timestamp: 2023-10-23 13:13:45
[View all payments](#)

Amount: \$ 1307.00

Top-Up Balance
 Sum:
 Add Money

Transfer funds
 Receiver:
 Sum:
 Send Money

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User page

For more details about the transactions, we can access the "View all payments" link where a table [*transactions page*] with all the payments and all the details necessary .

Transaction ID	Sender	Receiver	Sum	Timestamp
d980aebf-718c-11ee	dev	luci	\$ 100	2023-10-23 13:13:45
2234a0d7-6f41-11ee	luci	iripiri	\$ -100	2023-10-20 15:06:43
f7e5c812-6ec6-11ee	luci	guru	\$ -1	2023-10-20 00:32:13
45ad6682-6dfd-11ee	guru	luci	\$ 50	2023-10-19 00:28:25
193a64b6-6dfc-11ee	guru	luci	\$ 90	2023-10-19 00:20:01
48001d62-6dfb-11ee	luci	guru	\$ -77	2023-10-19 00:14:10
2a25bd8e-6dfb-11ee	guru	luci	\$ 88	2023-10-19 00:13:20
02c92737-6deb-11ee	guru	luci	\$ 300	2023-10-18 22:17:42
01458420-6de9-11ee	luci	guru	\$ -10	2023-10-18 22:03:21
f6355a8b-6ddc-11ee	luci	iripiri	\$ -50	2023-10-18 20:37:08
0cb50d9f-6c5e-11ee	iripiri	luci	\$ 100	2023-10-16 22:56:08

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Transactions page

In conclusion, online banking is extremely convenient, efficient and secure, making it an excellent choice for individuals and businesses to manage their finances in the digital age.