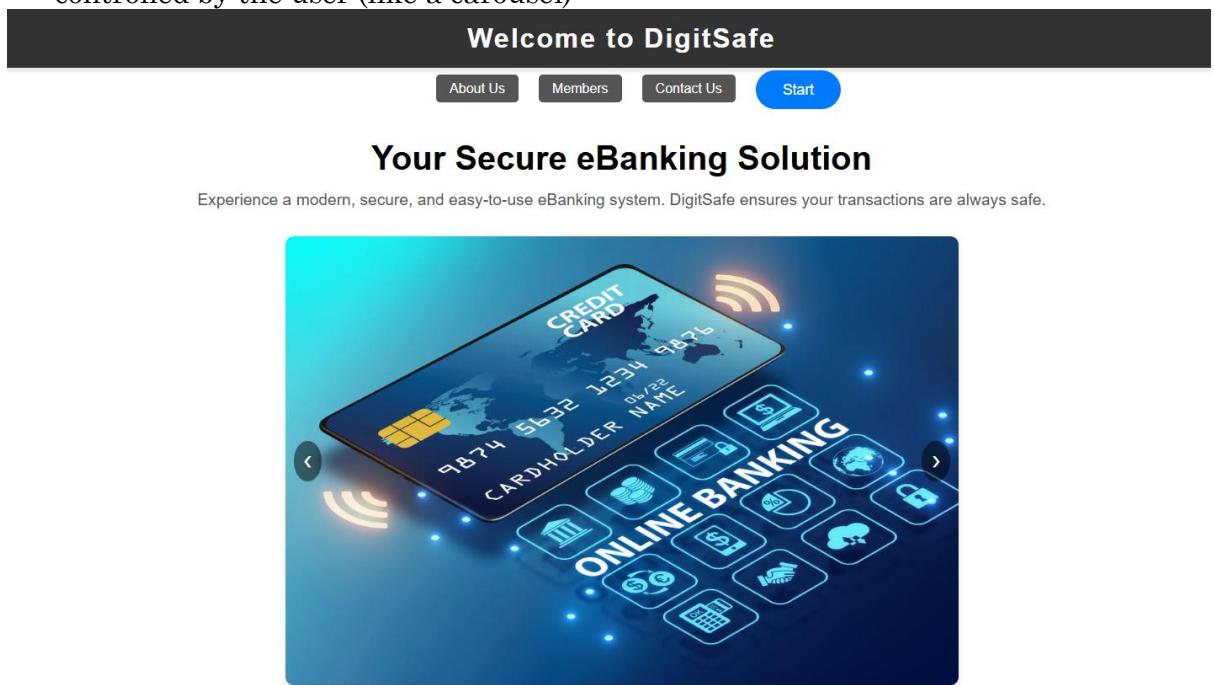


1 HOMEPAGE

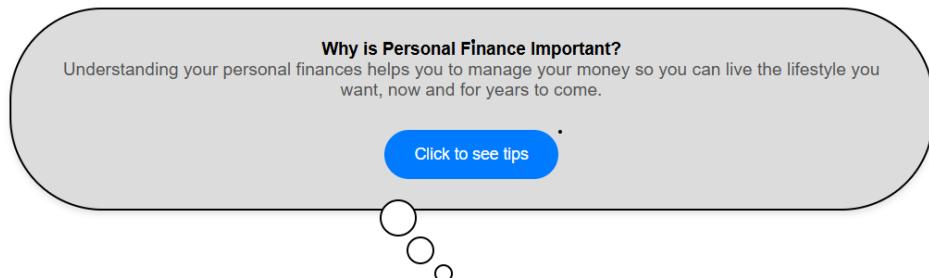
1.1A LOGO-MENU-IMAGES

When the user enters the homepage, they will see:

- A welcome message along with the team name
- A menu with four options:
 - a) About Us
 - b) Members
 - c) Contact Us (clicking this will take them to the corresponding section)
 - d) Start (when they click Start — which is in a different color to stand out — they will be able to use the practical part of the application, provided they are logged in)
- Some images related to the economy, which change automatically but can also be controlled by the user (like a carousel)

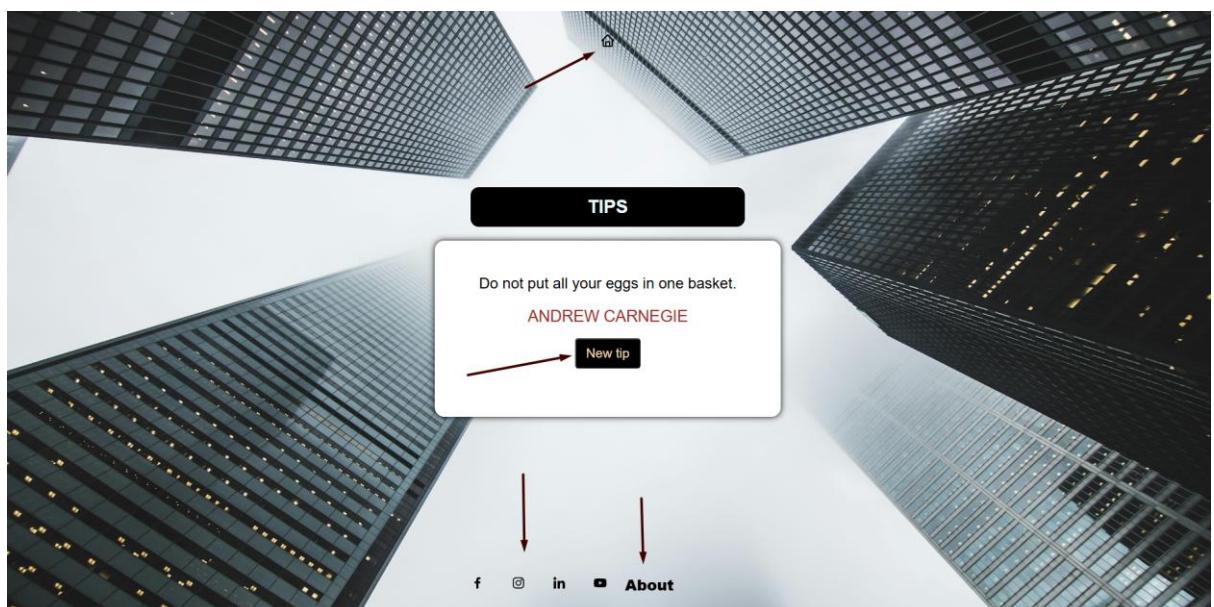


Continuing downward (without clicking anywhere), the section with the advisors will appear. When the mouse hovers over them, they will slightly enlarge.



When the user clicks the **Click to See Tips** button, they will be taken to a page that has various tips/quotes about the economy. From this page, they can:

- ➔ Click **New Tip**, which will show another tip (they can do this as many times as they want; in total, there are 10 tips that appear in a random order so it doesn't become monotonous for the user)
- ➔ Access the social media links located at the bottom
- ➔ Click **About**, which will take them to the corresponding section on the homepage (we will define this later)
- ➔ Click the small house icon to return to the homepage



1.1B ABOUT US – MEMBERS -CONTACT US

The **About Us** section is where some information is provided about who we are and what we offer. Below, it also includes social media links, and on the side, there is an icon to make it look more complete and user-friendly.



ABOUT US

Welcome to MyFinanceManager your all-in-one solution for efficient personal and financial management! Our mission is to empower individuals and businesses to take control of their finances through an intuitive, user-friendly platform. Whether you're tracking expenses, managing account balances, or setting financial goals, we've got you covered.

What We Offer

- User Management
- Account Balance Management
- Transaction Management
- Goal Management
- Tips for the best financial experience

f @ in y

In the **Members** section, the (hypothetical) developers of our team are presented in more detail, with each one linked to their social media in a way that, in my opinion, is unique and distinctive.

DIGITSAFE MEMBERS
Our personnel is made up of experts from a range of disciplines.



Olivia Taylor
Software Developer



Ethan Johnson
Software Developer



Sophia Martinez
Software Developer



Liam Anderson
Software Developer

In the image above, you can see how that part of the page looks: when you hover the mouse over a team member, their social media links appear. Additionally, when you hover over any of the social media icons, the color changes for both practical and aesthetic reasons.

DIGITSAFE MEMBERS
Our personnel is made up of experts from a range of disciplines.



Olivia Taylor
Software Developer



Ethan Johnson
Software Developer



Sophia Martinez
Software Developer



Liam Anderson
Software Developer

As for **Contact Us**, this is a section where the user can quickly and easily send us a message by filling in their name, email address, and the message they want to send. This was mainly created for user feedback or if they need any assistance. Directly below this, the address, the app manager's email, a contact phone number, and the office hours are displayed.

CONTACT US

[Submit](#)

📍 Stadiou 59, Athina, ZIP Code 105 59

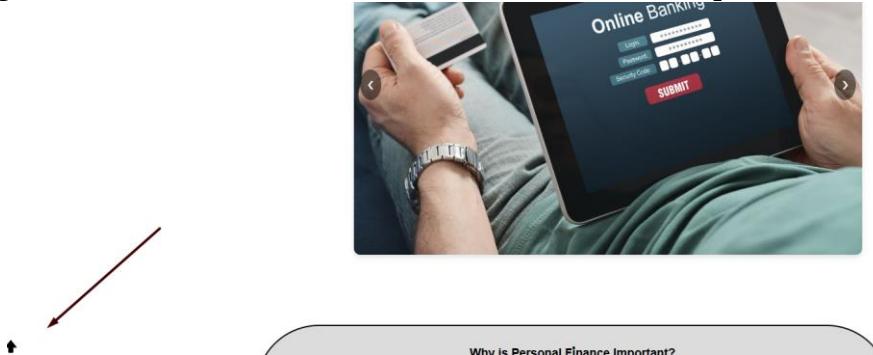
✉️ Gadams0098@gmail.com

📞 (+30) 210-300-3864

⌚ Monday - Saturday: 9:00 AM - 5:00 pm

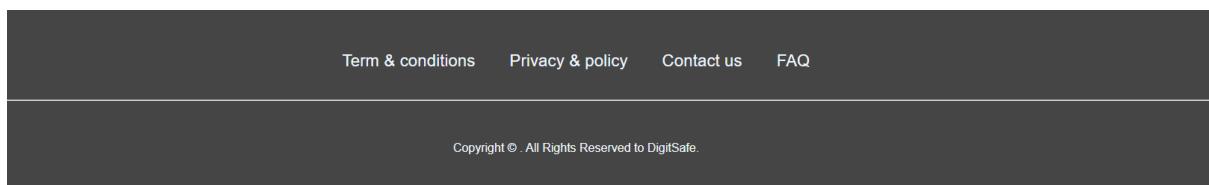
⌚ Sunday : Closed

Finally, before we look at the rest of the homepage, wherever we are on the page, there is an arrow that takes us back to the top.



1.1.C TERMS – PRIVACY - FAQ - COPYRIGHTS

At this point, we will analyze the page footer. The first image is shown below:



By clicking on **Terms & Conditions**, the user is taken to a page that outlines some details about the terms. Once on this page, the user has the option to go directly to **About Us**, **Contact Us**, **Members**, or simply return to the homepage (**Go Back**).

Welcome to DigitSafe

About Us Contact Us Members Go Back

Terms and Conditions

Welcome to our Website. By accessing or using our website, you agree to be bound by these Terms and Conditions, our Privacy Policy, and any other legal notices published on our platform. If you do not agree with these terms, you are not authorized to use our website or services.

1. By using this website, you affirm that you are at least 18 years old or the age of majority in your jurisdiction and have the legal capacity to agree to these terms.
2. Our platform provides tools for:
 - Managing personal finances
 - Tracking income and expenses.
 - Setting financial goals.
3. Disclaimer : we are not a licensed financial advisor, and the information and tools provided on this website are for informational purposes only. Always consult a professional financial advisor for advice specific to your situation. We are not liable for any decisions or actions taken based on the use of our platform.
4. User Responsibilities By using our services, you agree to: Provide accurate, current, and complete information when registering an account or using our tools. Use our platform solely for lawful purposes. Maintain the confidentiality of your login credentials. You are solely responsible for your financial decisions and the data you input into our platform.
5. Prohibited activities users may not: use the platform for fraudulent or illegal purposes. Attempt to hack, damage, or interfere with the functionality of the website. Misuse any data, tools, or resources provided on the platform.
6. Account Termination : We reserve the right to suspend or terminate your account at our sole discretion for any violation of these terms.

- 7. Privacy :** We are committed to protecting your privacy. Please review our Privacy Policy to understand how we collect, use, and safeguard your information.
- 8. Intellectual Property :** All content, trademarks, and intellectual property on this website are the exclusive property of our Website. You may not reproduce, distribute, or use any materials without prior written consent.
- 9. Limitation of Liability :** To the fullest extent permitted by law, our Website is not liable for any direct, indirect, incidental, or consequential damages arising from your use of our website or services.
- 10. Indemnification :** You agree to indemnify and hold harmless our Website from any claims, damages, or expenses arising from your use of our platform or violation of these terms.
- 11. Changes to Terms :** We may update these Terms and Conditions at any time without notice. It is your responsibility to review this page periodically for updates.
- 12. Governing Law :** These Terms and Conditions are governed by and construed in accordance with the laws of Greece. Any disputes arising from these terms shall be resolved in the courts of Greece.
- 13. Contact Information :** If you have any questions about these Terms and Conditions, please contact us [here](#).

Copyright © . All Rights Reserved to DigitSafe.

The **Privacy & Policy** section is built with the same structure and also has the same functionalities.

Welcome to DigitSafe

[About Us](#) [Contact Us](#) [Members](#) [Go Back](#)

Privacy Policy

Introduction: At our Website, your privacy is of utmost importance to us. This Privacy Policy explains how we collect, use, and protect your personal information when you use our financial management platform. By accessing or using our services, you agree to the practices outlined in this policy. If you do not agree, please discontinue the use of our services.

1. Information We Collect: We collect various types of information to provide and improve our services, including:

- o Name
- o Email address.
- o Contact details

2. Financial Information

- o Income and expense details
- o Budgeting data
- o Financial goals

3. Usage Data

- o Browser type and version
- o IP address
- o Device type

4. Cookies and Tracking Technologies: We use cookies and similar tracking technologies to enhance user experience and analyze website performance. You can manage cookie preferences through your browser settings.

5. How We Use Your Information: We use the information collected for the following purposes:

- o To provide and improve our financial management tools and services.
- o To personalize user experiences based on preferences.
- o To communicate important updates, promotions, or changes in services.
- o To comply with legal obligations and enforce our terms of use.
- o To perform data analysis and improve website functionality.

6. Sharing Your Information: We value your privacy and will never sell your personal information. However, we may share information in the following circumstances:

- o With Service Providers: To support our operations (e.g., hosting services, analytics providers).
- o For Legal Reasons: To comply with legal obligations, court orders, or government requests.
- o With Your Consent: When you explicitly agree to share your information.

7. Data Security: We implement robust security measures to protect your data, including encryption, firewalls, and secure servers. Despite our best efforts, no method of transmission over the internet or electronic storage is 100% secure. Therefore, we cannot guarantee absolute security.

8. Data Retention: We retain your personal data as long as necessary to fulfill the purposes outlined in this policy or as required by law. You can request data deletion at any time by contacting us.

9. Your Rights: You have the following rights regarding your personal information:

- o Access your data and request a copy.
- o Correct or update inaccurate information.
- o Request deletion of your data (subject to legal or contractual obligations).
- o Restrict or object to certain types of data processing.
- o Withdraw consent for data collection or processing.

10. Children's Privacy: Our website is not intended for children under the age of 18. We do not knowingly collect personal information from minors. If we become aware of such data, we will take steps to delete it immediately.

11. Third-Party Links: Our website may contain links to third-party websites. We are not responsible for the privacy practices or content of these external sites. Please review their privacy policies before providing any personal information.

12. International Data Transfers: If you are accessing our website from outside Greece, your data may be transferred to and processed in Greece or other countries. By using our services, you consent to such transfers.

13. Changes to This Privacy Policy: We may update this Privacy Policy periodically to reflect changes in our practices or for legal reasons. We encourage you to review this page regularly for the latest updates. Your continued use of the platform constitutes your acceptance of any changes.

14. Contact Us: If you have questions or concerns about this Privacy Policy or our data practices, please contact us.

Copyright © . All Rights Reserved to DigitSafe.

Next, the user has the option for **FAQ (Frequently Asked Questions)**. When they click on it, a new page opens displaying the four most common questions, and by clicking the arrow, they can see the answers. From the FAQ page, the user has the same options as before to return to the homepage.

The screenshot shows a dark-themed web page with a navigation bar at the top containing links for "Welcome to DigitSafe", "About Us", "Contact Us", "Members", and "Go Back". Below the navigation bar is a large, bold title "FAQs". Underneath the title are four collapsed question cards, each with a downward-pointing arrow to its right. The questions are: "What features does this app provide?", "Is my data secure in this app?", "Can I track multiple income sources and expenses?", and "How can I set financial goals?". At the bottom of the page, there is a copyright notice: "Copyright © . All Rights Reserved to DigitSafe."

This is the homepage, as it appears when the user clicks the arrow:

FAQs

What features does this app provide?

Our app allows you to manage your finances efficiently by offering features such as user account management, manual income and expense tracking, goal setting for savings, and detailed statistical analysis of your spending habits.

Is my data secure in this app?

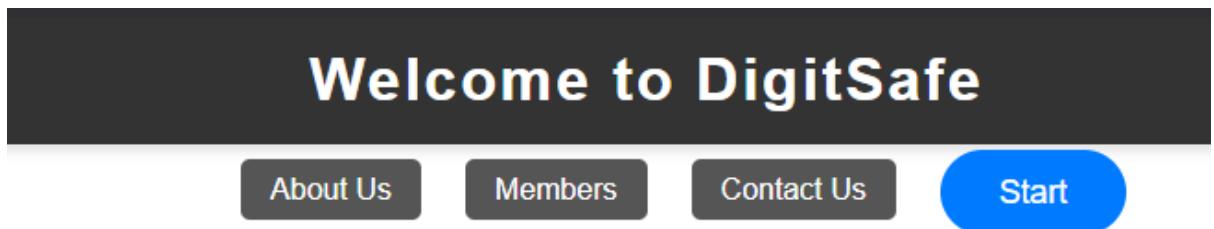
Can I track multiple income sources and expenses?

How can I set financial goals?

Finally, on almost every page, the footer includes a note that the rights belong to DigitSafe.



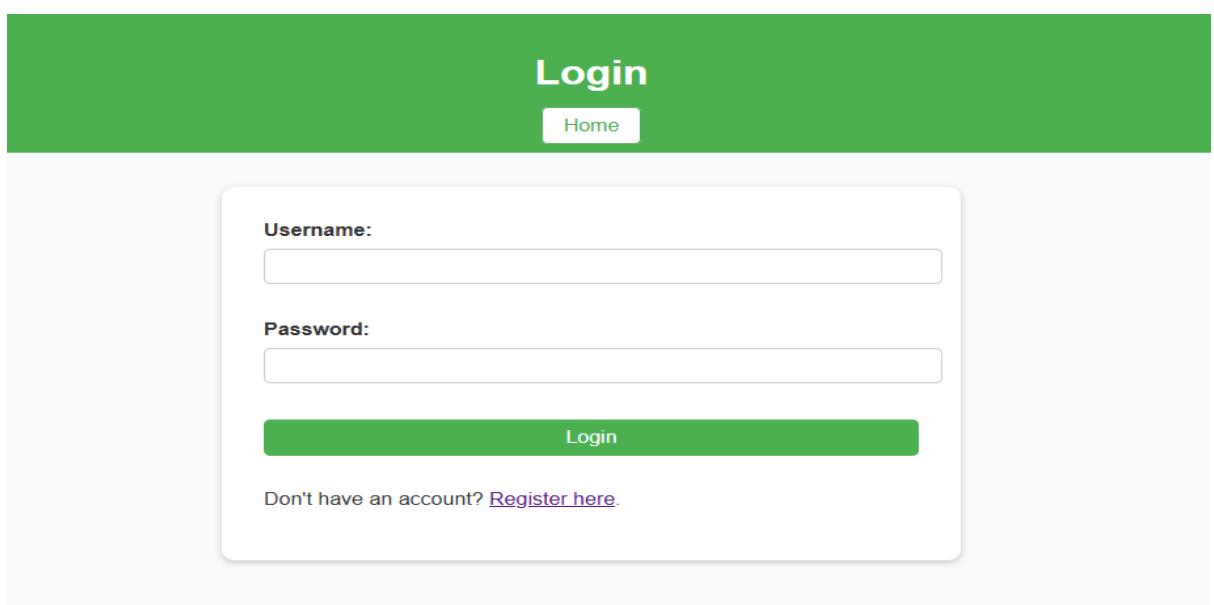
1.2 FUNCTIONAL PART (1)



To start using the functional part of the application, the user must click **Start** and log in; if they don't have an account, they need to create one. From this point on, anything the user sees requires being logged in; otherwise, they will be redirected to the login section (this does not mean they need to log in again every time they switch pages).

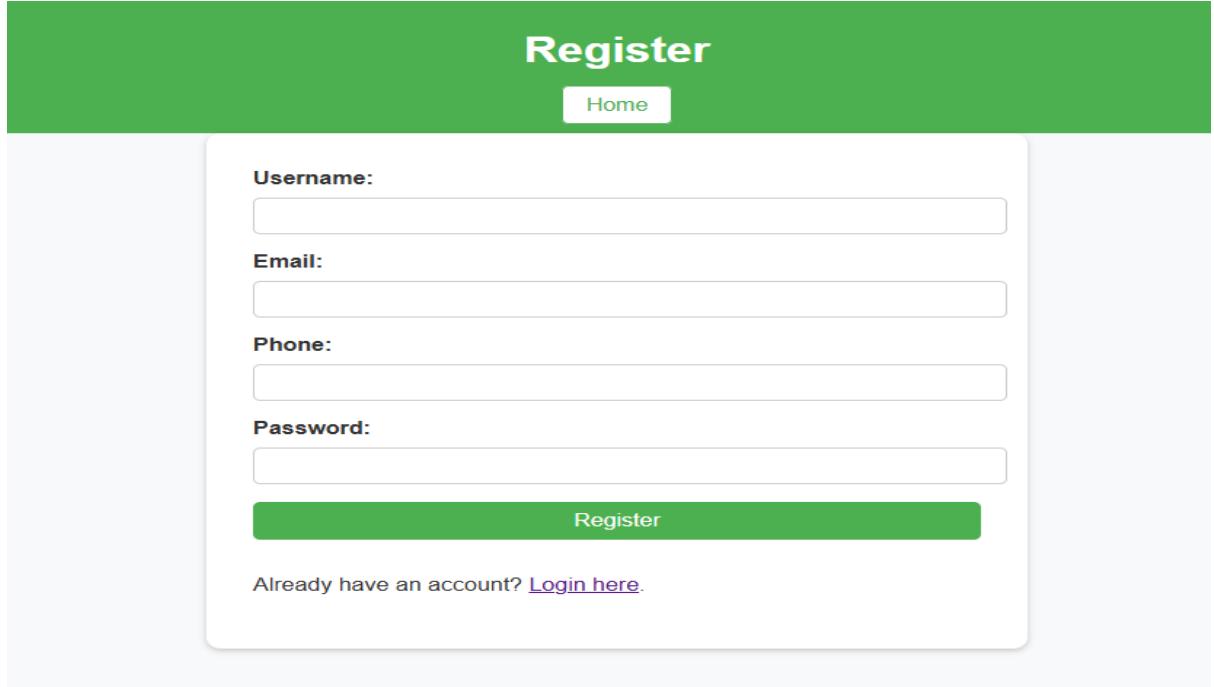
6.2.A LOGIN OR ACCOUNT CREATION PAGE

As mentioned earlier, clicking **Start** takes us to a login page.



The user has the option to enter their details to log in, click **Register Here** to create an account if they don't have one, or click the **Home** button to return to the homepage.

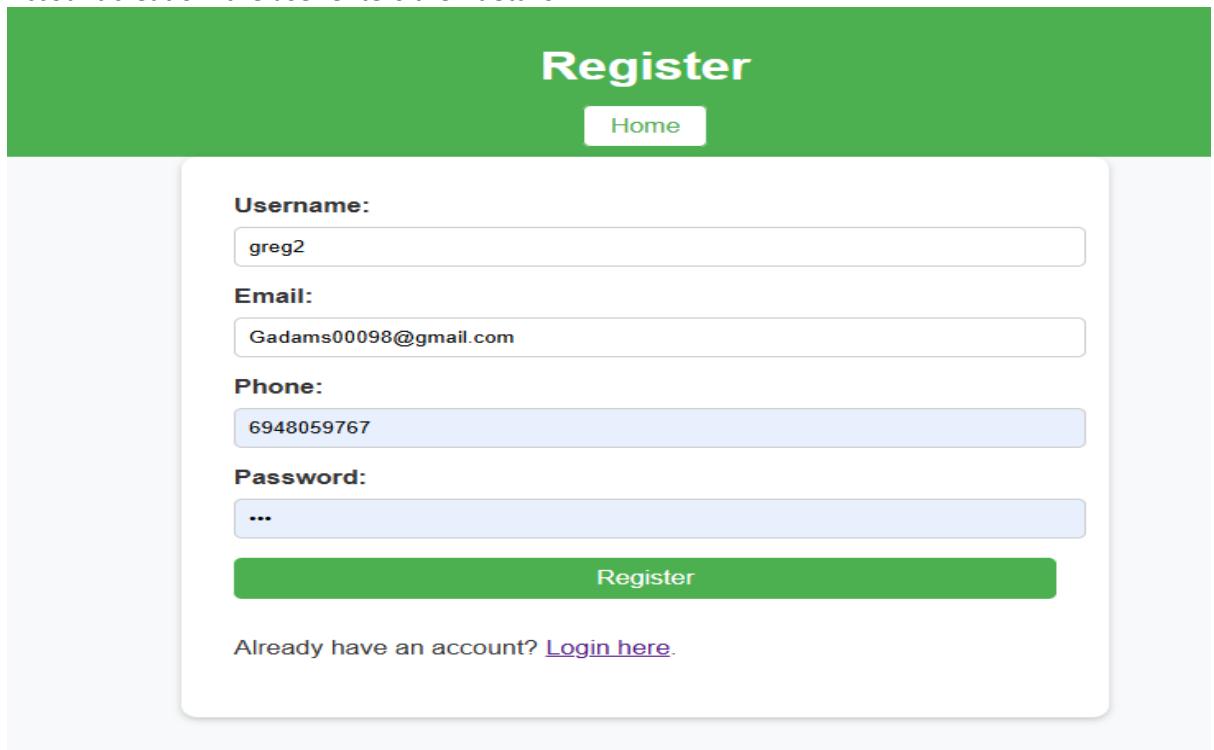
Clicking **Register Here** (to create an account) will bring up the following form:



The registration form is titled "Register" in a green header bar. It includes a "Home" button. The form fields are labeled "Username", "Email", "Phone", and "Password", each with an input field. Below the input fields is a green "Register" button. At the bottom, there is a link "Already have an account? [Login here.](#)".

The user now has the option to fill in the required details to create an account in order to continue, return to the login form (by clicking **Already have an account? Login here**), or go back to the homepage by clicking **Home**.

Account creation: the user enters their details:



The registration form is titled "Register" in a green header bar. It includes a "Home" button. The form fields are labeled "Username", "Email", "Phone", and "Password", each with an input field containing sample data: "greg2", "Gadams00098@gmail.com", "6948059767", and "...". Below the input fields is a green "Register" button. At the bottom, there is a link "Already have an account? [Login here.](#)".

If the username is already taken, it will display as follows:

Register

[Home](#)

Username:

Email:

Phone:

Password:

Register

Already have an account? [Login here.](#)

Username is already taken.

If the account creation is successful, this message appears, and the user is then directly taken to the login page, ready to log in! Additionally, there is validation for both the phone number and the email.

Register

Already have an account? [Login here.](#)

Registration successful! Redirecting to login page...

6.2.B TRANSACTION ENTRY PAGE

After completing this process — meaning if they create an account and then log in, or if they already have an account and simply log in — they will be redirected to this page, which includes the option **Home** (return to the homepage) and **Total Balance**:

The screenshot shows a web application interface for adding a transaction. At the top, there's a green header bar with the text "Welcome, metinas" on the left and navigation links "Home", "Total Balance", "Features", and "Logout" on the right. Below the header, the main content area has a title "Add a Transaction". The form contains the following fields:

- Type: A dropdown menu set to "Income".
- Description: An input field.
- Amount (€): An input field.
- Date: A date input field with the placeholder "mm/dd/yyyy".
- Tags: A dropdown menu containing options like Rent, Salary, Food, Transport, Entertainment, Bills, Savings, and Miscellaneous. The "Miscellaneous" option is highlighted.

At the bottom of the form is a green "Submit" button.

This page is where the user records transactions. It starts with a **Welcome** message and the user's username.

- **Type:** the type of transaction (income or expense)
- **Description:** a description provided by the user (anything they want)
- **Amount (€):** the amount of the transaction
- **Date:** the date; the user has the option to select a date from the current date and earlier. They cannot register a future transaction (for security reasons)
- **Tags:** Rent, Salary, Food, Transport, Entertainment, Bills, Savings, Miscellaneous — there are several options to define the type of transaction; if none apply, they can select **Miscellaneous**

If the user attempts to enter an amount that would result in their total balance becoming negative, an appropriate message is displayed. For example, consider a user with no previous transactions (total balance = 0).

Add a Transaction

Type:

Outcome

Description:

drink

Amount (€):

15

Date:

02/09/2025

Tags:

Transport
Entertainment
Bills
Savings
Miscellaneous

Submit

If they attempt to register this specific transaction, the result will be:

Add a Transaction

Type:

Outcome

Description:

drink

Amount (€):

15

Date:

02/09/2025

Tags:

Transport
Entertainment
Bills
Savings
Miscellaneous

Submit

You do not have enough money for this transaction.

A successful transaction:

The screenshot shows a 'Add a Transaction' form with the following fields and values:

- Type:** Income
- Description:** (empty)
- Amount (€):** (empty)
- Date:** mm / dd / yyyy
- Tags:** Rent, Salary, Food, Transport, Entertainment

A green 'Submit' button is at the bottom. Below the form, a message says "Transaction added successfully."

6.2.1 TOTAL BALANCE PAGE

When the user clicks on **Total Balance**, they are redirected to the page displaying their total balance. They also have the option to view the last 10 transactions. The transactions are sorted by date by default, but they can also be sorted by date, amount, description, or type, in either ascending or descending order. Additionally, by clicking the **Back** button, the user returns to the transaction entry page.

Total Balance

[Back](#)

Total Balance: 2132.00€

Last 10 Transactions

Type	Description	Amount (€)	Date
Income	salary	1,500.00€	2025-02-09
Outcome	fine	-50.00€	2025-01-31
Outcome	enoikio	-250.00€	2025-01-31
Outcome	car service	-350.00€	2025-01-24
Outcome	food	-200.00€	2025-01-14
Outcome	drink	-18.00€	2025-01-11
Income	salary	1,500.00€	2025-01-09

Sort by: Order:

1.3 FUNCTIONAL PART (2)

Welcome, greg1

[Home](#) [Total Balance](#) [Features](#) [Logout](#)

Add a Transaction

Type:

Description:

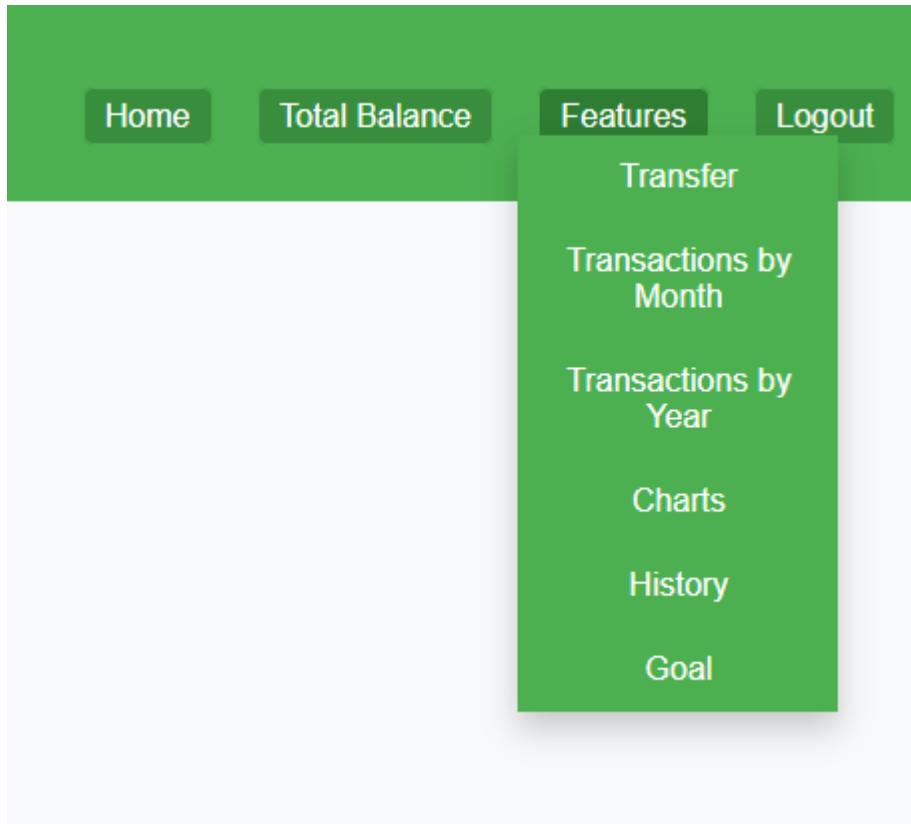
Amount (€):

Date:

Tags:

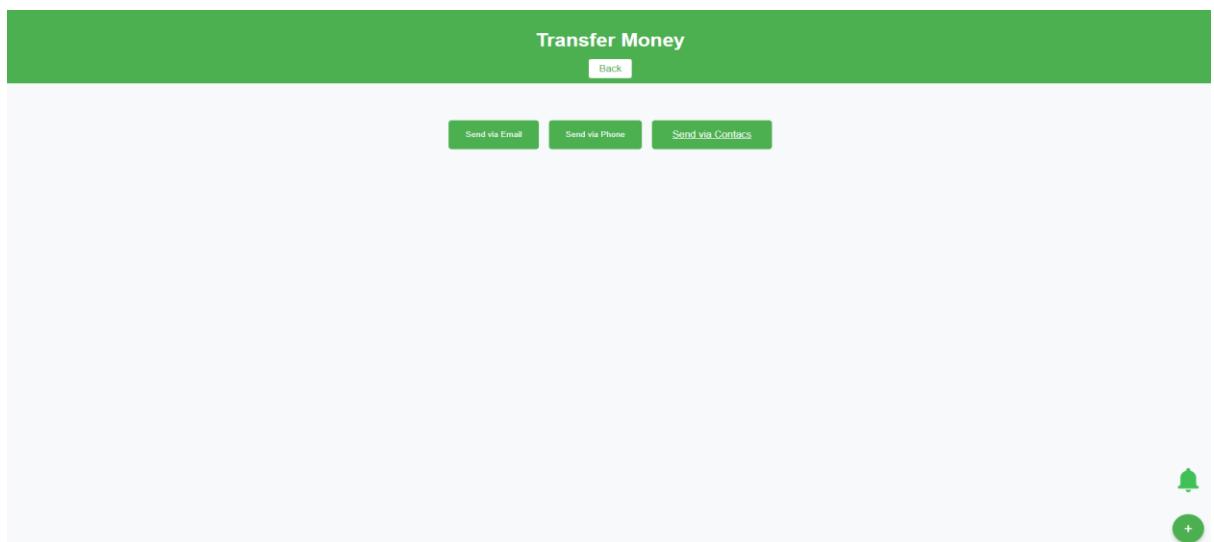
Now logged in, the user sees the above page as previously mentioned. We have seen how the user can create an account, log in, register a transaction, and view their total balance. Now let's see what **Features** is.

Initially, when the user hovers the cursor over it, several available options will appear:



1.3.A MONEY TRANSFER

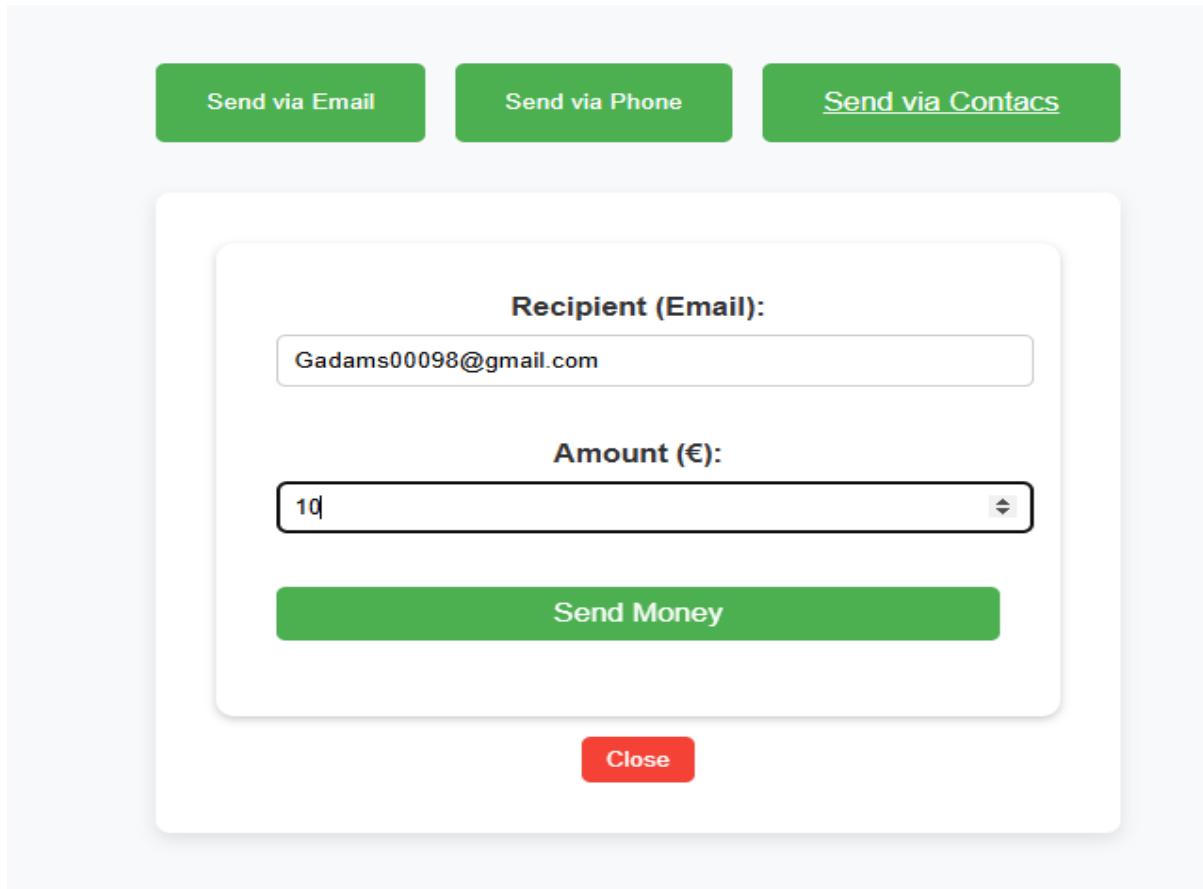
Let's start with **Money Transfer**. By clicking on **Transfer**, the user sees the following page:



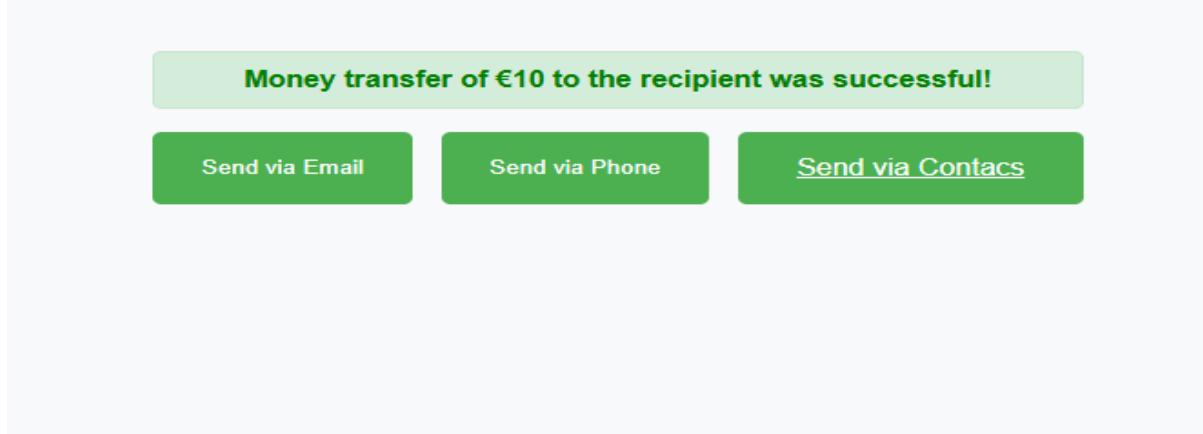
So, as we can see, it has three options:

- ➔ Transfer via email
- ➔ Transfer via mobile phone
- ➔ Transfer to a contact

Transfer via email or mobile phone:



An example of a successful transaction:



Examples of unsuccessful transactions:

- If the email or mobile phone does not exist:

Recipient not found. Please check the provided email.

[Send via Email](#)

[Send via Phone](#)

[Send via Contacs](#)

- If the user's balance is insufficient:

Insufficient funds. You cannot send €100000 as your available balance is €2122.

[Send via Email](#)

[Send via Phone](#)

[Send via Contacs](#)

- Additionally, the user cannot send money to their own email or mobile number.

Transfer via contact:

Initially, a user without contacts will see this:

Send Money to Contacts

[Back](#)

Recipient:

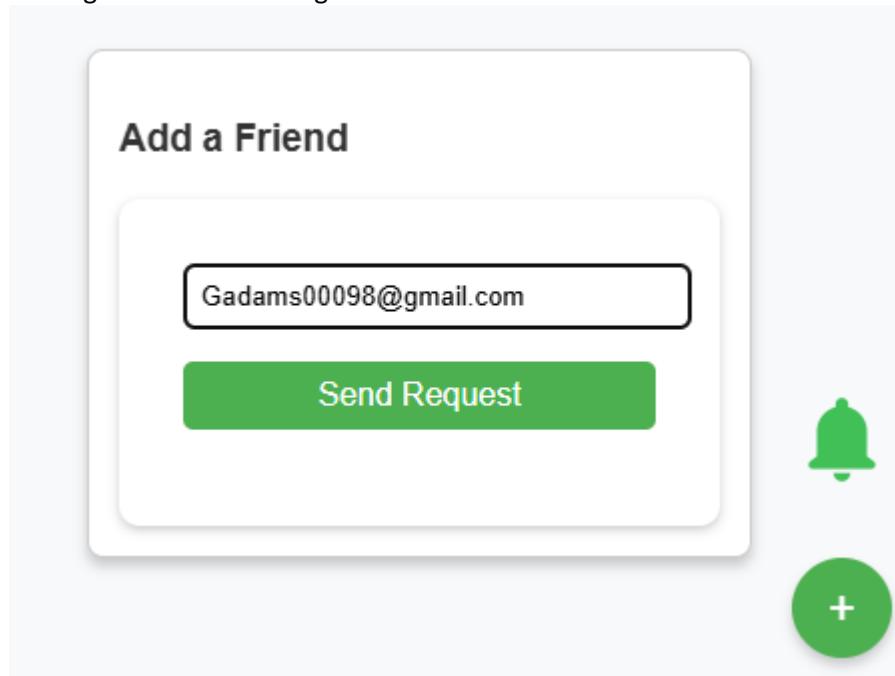
--Select a Contact--

--Select a Contact--

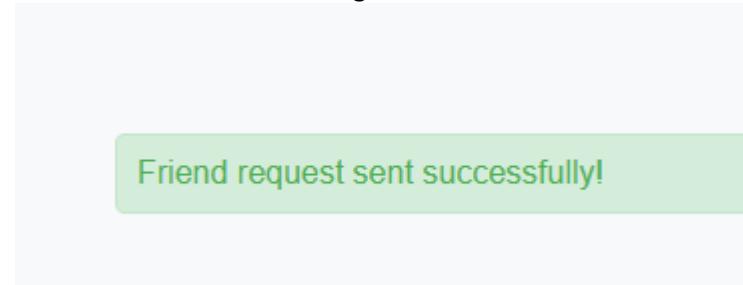
Amount (€):

[Send Money](#)

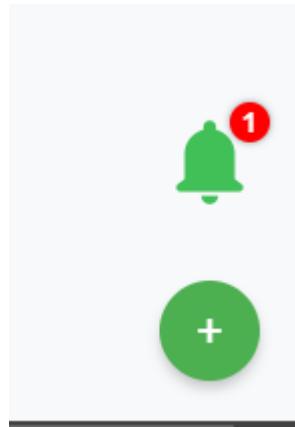
In order to add a contact, a user must send a request to another user and have it accepted. By clicking on '+' and entering the email:

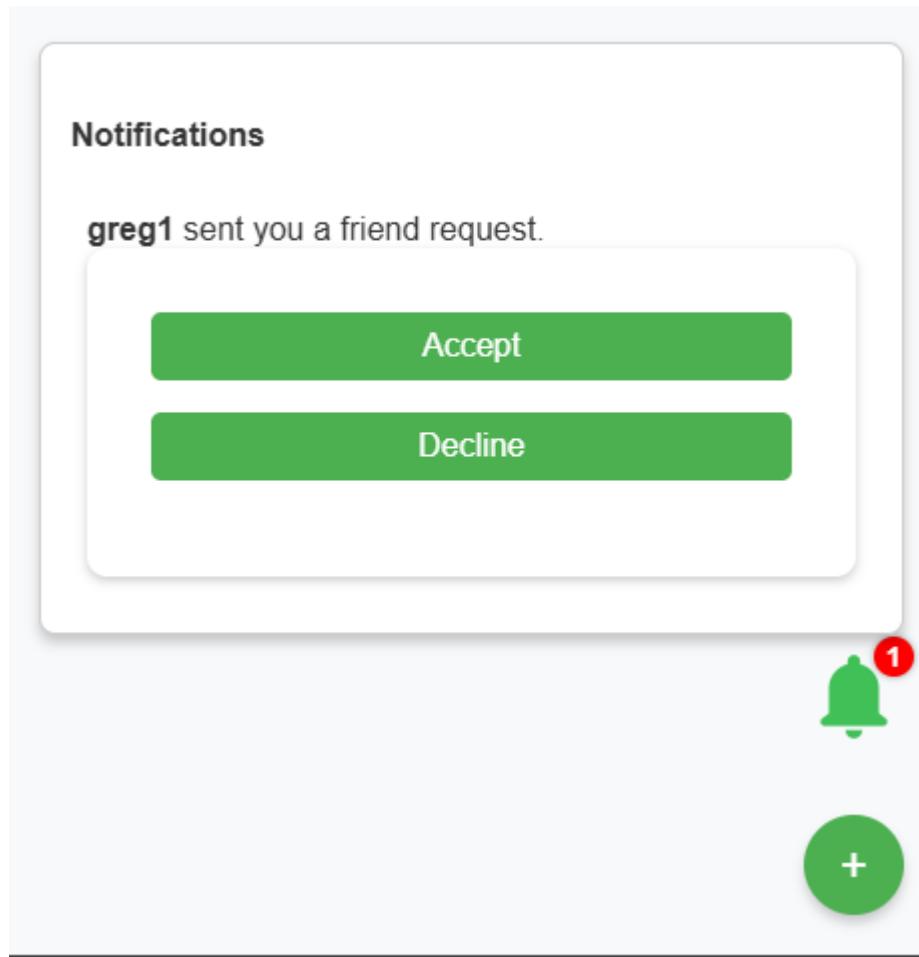


Successful submission message:

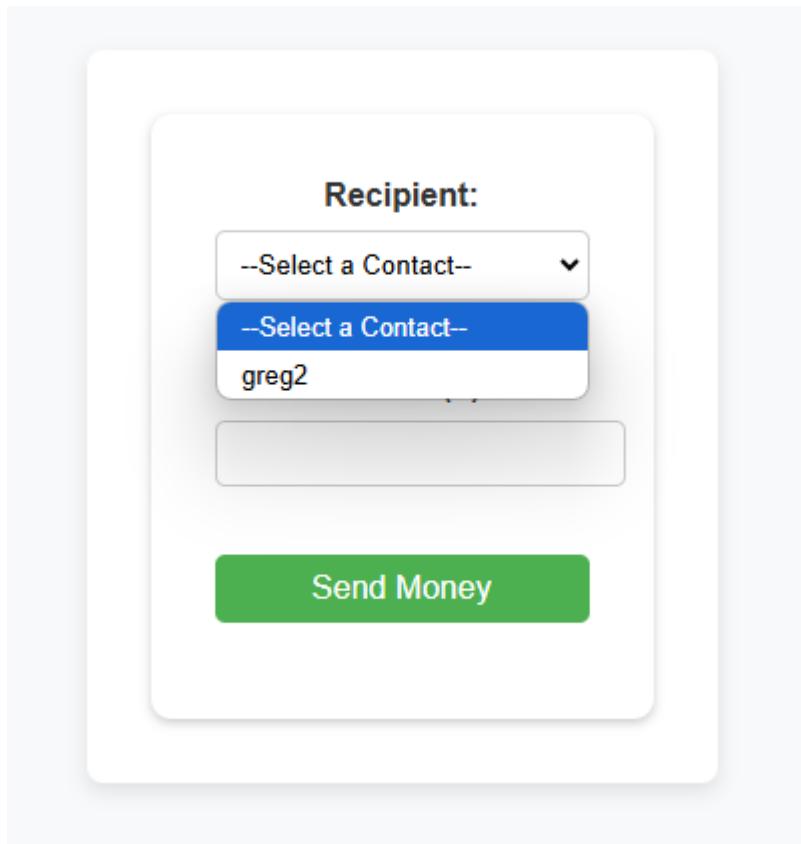


The other user will receive a notification in the following form (User 2's side):





And once accepted, the result is as follows (User 1's side).
After that, a faster and more direct transfer can be made.



Transfers are tagged as **Miscellaneous**, and their display in **Total Balance** is as follows:
(User 1's side)

Type	Description	Amount (€)	Date
Outcome	Transfer to user	-10.00€	2025-02-09

(User 2's side)

Type	Description	Amount (€)	Date
Income	Transfer from user	10.00€	2025-02-09

Finally, transfers are also confirmed via email, for example:

Money Received Notification Εισερχόμενα

Your Website <gadams0098@gmail.com>
προς εγώ ▾

Dear user,

You have received €10 from another user.
Your updated balance is: €10.

Thank you for using our service!

1.3.B DETAILED TRANSACTIONS BY MONTH–YEAR

First, let's look at the detailed transactions by month. By clicking on **Transactions by Month**, the user will see the following page:

Transactions by Month

Back

2025-02: 1500€

[View Details](#)

Description	Amount	Date	Tags
Transfer from user	5.00€	2025-02-09	Miscellaneous
Transfer from user	5.00€	2025-02-09	Miscellaneous
Transfer to user	-10.00€	2025-02-09	Miscellaneous
salary	1,500.00€	2025-02-09	Salary

2025-01: 632€

[View Details](#)

Description	Amount	Date	Tags
fine	-50.00€	2025-01-31	Miscellaneous
enoikio	-250.00€	2025-01-31	Rent
car service	-350.00€	2025-01-24	Miscellaneous
food	-200.00€	2025-01-14	Food
drink	-18.00€	2025-01-11	Entertainment
salary	1,500.00€	2025-01-09	Salary

Sort by:

They have the option to minimize them by clicking **View Details**, and they can also change the sorting order.

2025-02: 1500€

[View Details](#)

2025-01: 632€

[View Details](#)

Sort by: Date Order: Descending [Sort](#)

As for detailed transactions by year, the logic is the same, and it will produce the following result:

Transactions by Year

[Back](#)

2025: 2132€

[View Details](#)

Description	Amount	Date	Tags
Transfer from user	5.00€	2025-02-09	Miscellaneous
Transfer from user	5.00€	2025-02-09	Miscellaneous
Transfer to user	-10.00€	2025-02-09	Miscellaneous
salary	1,500.00€	2025-02-09	Salary
fine	-50.00€	2025-01-31	Miscellaneous
enoikio	-250.00€	2025-01-31	Rent
car service	-350.00€	2025-01-24	Miscellaneous
food	-200.00€	2025-01-14	Food
drink	-18.00€	2025-01-11	Entertainment
salary	1,500.00€	2025-01-09	Salary

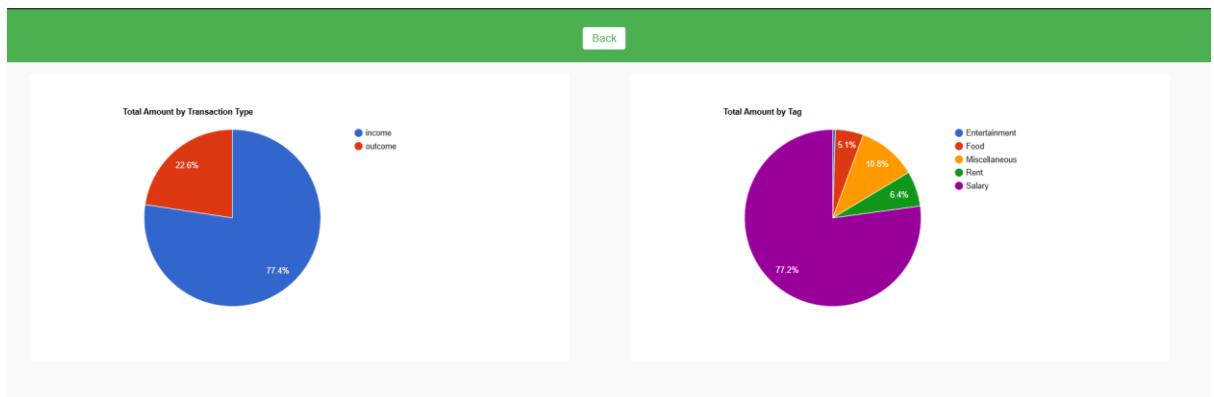
Sort by: Date Order: Descending [Sort](#)

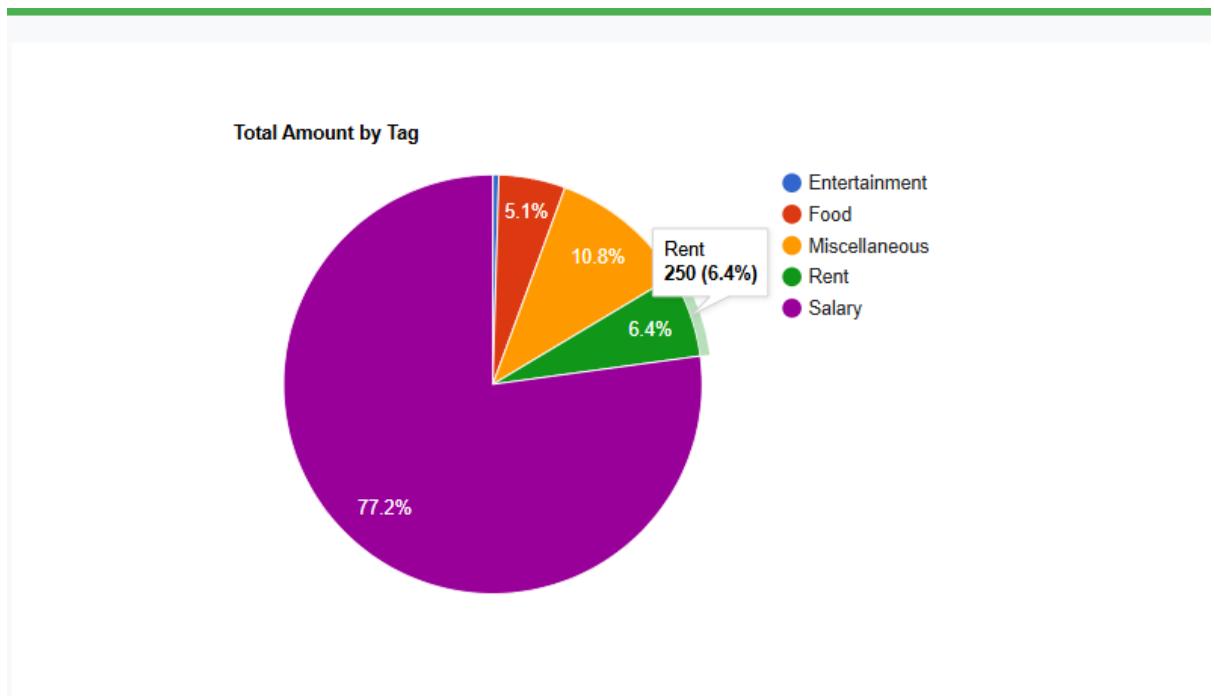
Finally, in this section, we will highlight an additional feature: the user can view transactions with the same tag. By clicking on **Miscellaneous**, they will see the following result:

Transactions for Tag: Miscellaneous			
Back to Monthly View			
Type	Description	Amount	Date
income	Transfer from user	5.00€	2025-02-09
income	Transfer from user	5.00€	2025-02-09
outcome	Transfer to user	-10.00€	2025-02-09
outcome	fine	-50.00€	2025-01-31
outcome	car service	-350.00€	2025-01-24

6.3.C CHARTS–STATISTICS

When the user clicks on **Charts**, pie charts will be displayed based on the numbers they have entered. There are two categories of charts: one for income and expenses, and another for tags. By hovering over the area of interest, they can see additional details.





1.3.D COMPLETE TRANSACTION HISTORY

By clicking on **Transaction History**, the user can view a complete overview of all transactions. They can also click **Edit** to modify a transaction. A regular user can only change the description, while an admin user can modify all details of a transaction. Finally, there is also a sorting form here, allowing the user to arrange the transactions according to their preference.

Transaction History					
Type	Description	Amount (€)	Date	Tags	Edit
Income	Transfer from user	5.00€	2025-02-09	Miscellaneous	<button>Edit</button>
Income	Transfer from user	5.00€	2025-02-09	Miscellaneous	<button>Edit</button>
Outcome	Transfer to user	-10.00€	2025-02-09	Miscellaneous	<button>Edit</button>
Income	salary	1,500.00€	2025-02-09	Salary	<button>Edit</button>
Outcome	fine	-50.00€	2025-01-31	Miscellaneous	<button>Edit</button>
Outcome	enoikio	-250.00€	2025-01-31	Rent	<button>Edit</button>
Outcome	car service	-350.00€	2025-01-24	Miscellaneous	<button>Edit</button>
Outcome	food	-200.00€	2025-01-14	Food	<button>Edit</button>
Outcome	drink	-18.00€	2025-01-11	Entertainment	<button>Edit</button>
Income	salary	1,500.00€	2025-01-09	Salary	<button>Edit</button>

Sort by: Order:

Edit Transaction Description

[Back to History](#)**Description:**

enoikio

[Update Description](#)

An admin user:

Transaction History

[Back](#)

User	Type	Description	Amount (€)	Date	Tags	Edit
greg2	Outcome	Transfer to user	-5.00€	2025-02-09	Miscellaneous	Edit
greg1	Income	Transfer from user	5.00€	2025-02-09	Miscellaneous	Edit
greg2	Outcome	Transfer to user	-5.00€	2025-02-09	Miscellaneous	Edit
greg1	Income	Transfer from user	5.00€	2025-02-09	Miscellaneous	Edit
greg1	Outcome	Transfer to user	-10.00€	2025-02-09	Miscellaneous	Edit
greg2	Income	Transfer from user	10.00€	2025-02-09	Miscellaneous	Edit
greg1	Income	salary	1,500.00€	2025-02-09	Salary	Edit
greg1	Outcome	fine	-50.00€	2025-01-31	Miscellaneous	Edit
greg1	Outcome	enoikio	-250.00€	2025-01-31	Rent	Edit
greg1	Outcome	car service	-350.00€	2025-01-24	Miscellaneous	Edit
greg1	Outcome	food	-200.00€	2025-01-14	Food	Edit
greg1	Outcome	drink	-18.00€	2025-01-11	Entertainment	Edit
greg1	Income	salary	1,500.00€	2025-01-09	Salary	Edit

Users

- [admin](#)
- [greg1](#)
- [greg2](#)
- [greg3](#)

Sort by: Order:

And as mentioned earlier, they have the ability to make more modifications to a transaction, whether it's their own or another user's:

The screenshot shows a 'Edit Transaction' form. At the top, there is a green header bar with the title 'Edit Transaction' and a 'Back to User Transactions' button. Below the header, the form fields are arranged vertically: 'Type:' with a dropdown menu set to 'Outcome'; 'Description:' with the value 'Transfer to user'; 'Amount (€):' with the value '5.00'; and 'Date:' with the value '02/09/2025'. At the bottom of the form is a large green 'Update Transaction' button.

1.3.E SETTING GOALS AND SAVINGS

Initially, a user who has not set any goals in the past, when going to **Goals**, has the option to go back or set a new goal.

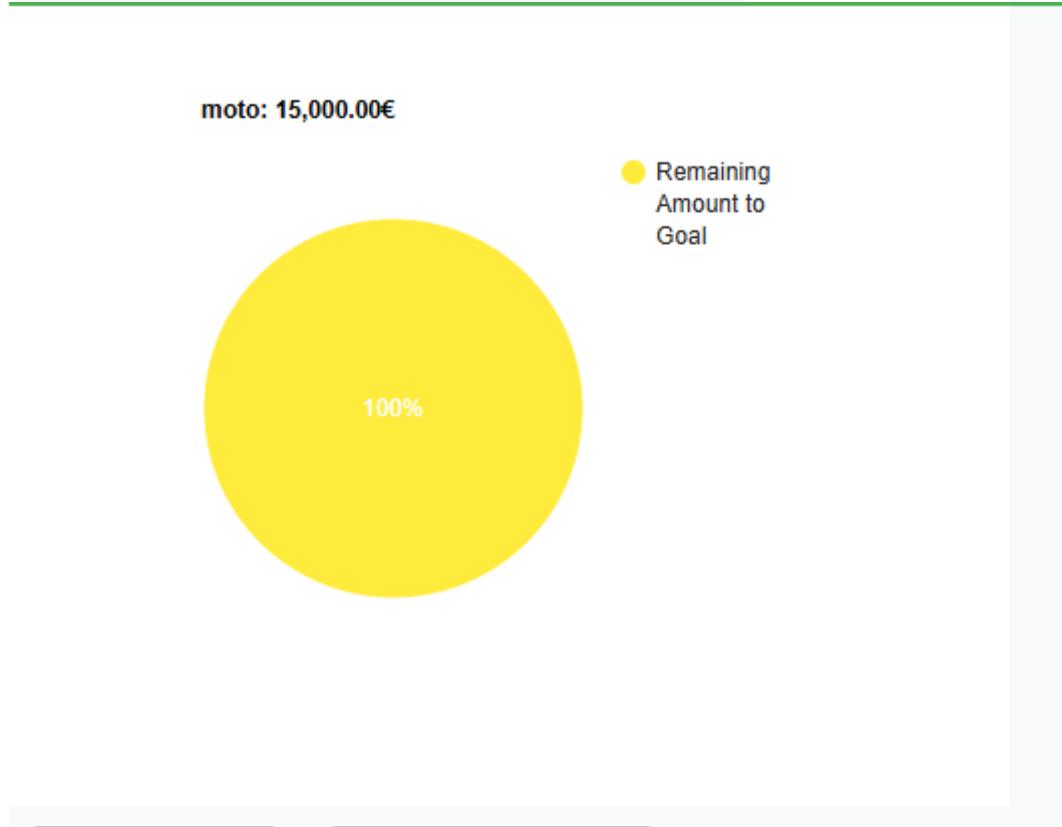


To set a goal, they click on **Add New Goal** (for example, if they want to save money for a motorcycle that costs €15,000):

Goal Title:

Goal Amount (€):

Set Goal



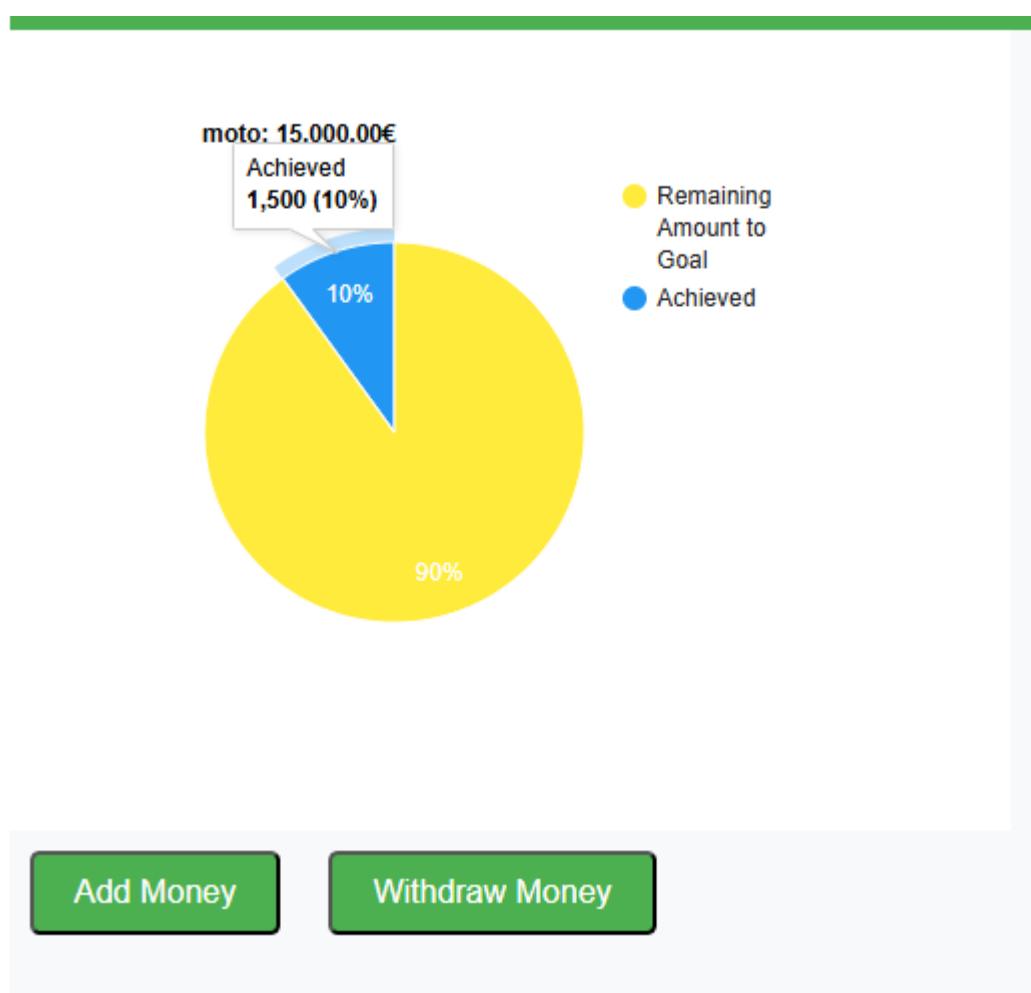
Add Money

Withdraw Money

Initially, the saved amount is €0. The user has €2,132.00 available. **Add Money** is used to add funds to the goal, and **Withdraw Money** is used to return them to the main total balance.

Amount to Add (€):

Add Money



The same logic applies for withdrawing. Now let's see how it appears in the complete history:

Type	Description	Amount (€)	Date	Tags	Edit
Income	withdrawal from savings	500.00€	2025-02-10	Miscellaneous	Edit
Outcome	transfer to savings	-1,500.00€	2025-02-10	Savings	Edit

In general, there is a restriction everywhere if the amount is insufficient—this applies to money transfers, adding transactions, and savings.

1.4 DATABASES

The database for this application consists of six tables.

→ Users

<input type="checkbox"/>				3	admin	\$2y\$10\$Mv37CD1leKL1YkfddlPgwA7/ck7Sc7OPoHbUqkxCKZ...	admin	2024-12-23 11:26:33	admin@fake.com	69696669	0.00
<input type="checkbox"/>				19	greg1	\$2y\$10\$mhnhGn8DZ6Bz0syMLmgjGu6OBYn80alqoTVoooeflyY...	user	2025-02-09 18:20:10	Gadams0098@gmail.com	6948059766	1132.00
<input type="checkbox"/>				20	greg2	\$2y\$10\$GpwS1zU10EkEfY/RD105eUaLswb4wqB8/ICFbNniVZ...	user	2025-02-09 21:40:14	Gadams0098@gmail.com	6948059767	0.00
<input type="checkbox"/>				21	greg3	\$2y\$10\$mqmE7/YqQ7EdQTcHq.VdY.cwK9iQZGrtkt75mS.cc9...	user	2025-02-09 21:42:27	john1.rey1@gmail.com	6948059768	0.00

We have an **ID** for better account management in combination with the other tables, a **login password** which is encrypted using a hash algorithm for user security, the **role** which is set to “user” by default, the **registration date, email, phone number**, and the user’s **total balance**.

→ Transactions:

				<input type="checkbox"/>				id	type	description	amount	date	user_id
				<input type="checkbox"/>				188	income	salary	1500.00	2025-02-09 00:00:00	19
				<input type="checkbox"/>				189	income	salary	1500.00	2025-01-09 00:00:00	19
				<input type="checkbox"/>				190	outcome	drink	18.00	2025-01-11 00:00:00	19
				<input type="checkbox"/>				191	outcome	food	200.00	2025-01-14 00:00:00	19
				<input type="checkbox"/>				192	outcome	car service	350.00	2025-01-24 00:00:00	19
				<input type="checkbox"/>				193	outcome	fine	50.00	2025-01-31 00:00:00	19
				<input type="checkbox"/>				194	outcome	enoikio	250.00	2025-01-31 00:00:00	19
				<input type="checkbox"/>				195	outcome	Transfer to user	10.00	2025-02-09 22:27:37	19
				<input type="checkbox"/>				196	income	Transfer from user	10.00	2025-02-09 22:27:37	20
				<input type="checkbox"/>				197	outcome	Transfer to user	5.00	2025-02-09 22:56:55	20
				<input type="checkbox"/>				198	income	Transfer from user	5.00	2025-02-09 22:56:55	19
				<input type="checkbox"/>				199	outcome	Transfer to user	5.00	2025-02-09 22:57:23	20
				<input type="checkbox"/>				200	income	Transfer from user	5.00	2025-02-09 22:57:23	19
				<input type="checkbox"/>				201	outcome	transfer to savings	1500.00	2025-02-10 00:33:31	19
				<input type="checkbox"/>				202	income	withdrawal from savings	500.00	2025-02-10 00:33:58	19

→ Tags:

				id	name
<input type="checkbox"/>				1	Rent
<input type="checkbox"/>				2	Salary
<input type="checkbox"/>				3	Food
<input type="checkbox"/>				4	Transport
<input type="checkbox"/>				5	Entertainment
<input type="checkbox"/>				6	Bills
<input type="checkbox"/>				7	Savings
<input type="checkbox"/>				8	Miscellaneous

The ID of a tag is stored in the next table.

➔ Transaction_tags:

				id	transaction_id	tag_id
<input type="checkbox"/>				131	188	2
<input type="checkbox"/>				132	189	2
<input type="checkbox"/>				133	190	5
<input type="checkbox"/>				134	191	3
<input type="checkbox"/>				135	192	8
<input type="checkbox"/>				136	193	8
<input type="checkbox"/>				137	194	1
<input type="checkbox"/>				138	195	8
<input type="checkbox"/>				139	196	8
<input type="checkbox"/>				140	197	8
<input type="checkbox"/>				141	198	8
<input type="checkbox"/>				142	199	8
<input type="checkbox"/>				143	200	8
<input type="checkbox"/>				144	201	7
<input type="checkbox"/>				145	202	8

➔ Goals :

				goal_id	user_id	goal_to_go	goal_amount	goal_name
<input type="checkbox"/>				40	19	1000.00	15000.00	moto

➔ Friendships :

This is the table for contacts. When a user sends a request to become a contact of another user, the **status** is set to “pending” by default. While this value remains, a notification will appear for the user until it is accepted or rejected, and the appropriate change is made in the database.

➔ Goals :

← T →	goal_id	user_id	goal_to_go	goal_amount	goal_name
<input type="checkbox"/>  Edit  Copy  Delete	40	19	1000.00	15000.00	moto

Each time the user adds money to a savings goal, the corresponding fields are updated—not only in the **Goals** table but also in **Transactions**, **Tags_Transactions**, and anywhere else necessary so that the results are correct and easily readable by the user.