

PERSONAL FINANCE MANAGER

DOCUMENTATION

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PFM

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1 Context

1.1 Changes

Date	Author	Description
06/11/2016	JM	Creation of the document.
26/11/2016	JM	Adding requirements D_01, U_03, BP_01. Updating requirements MET_01, MET_02. Removing requirements AUD_01. Updating screenshots for section Getting Started. Updating Technologies used.

1.2 Environment

The application has been tested on Google Chrome on a Windows 10 environment.

1.3 Goals

- Registering the expenses on a bank account of a user and report them into a dashboard for analysis.
- Using technologies for learning purpose.

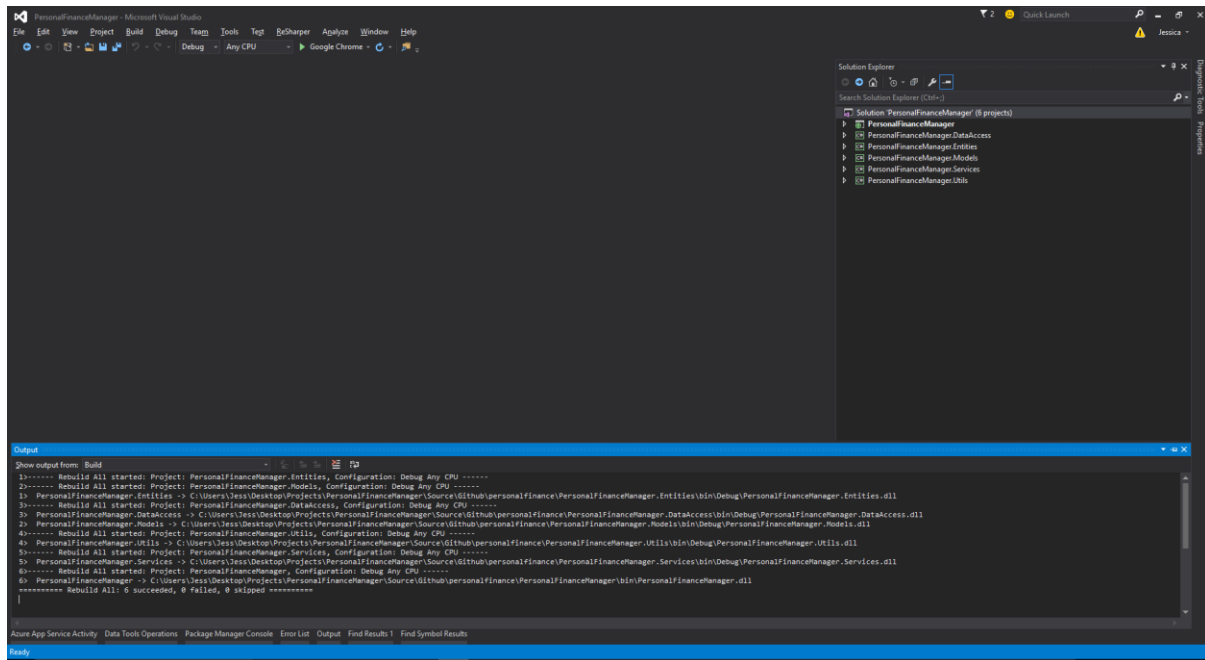
1.4 Technologies

USAGE	TECHNOLOGIES
MAIN	.NET Technologies, C# Language
WEB	ASP. NET MVC HTML Razor Syntax JQuery Bootstrap
DEPENDENCY INJECTION	Ninject
DATA ACCESS	SQL Server 2014 Entity Framework (Code first approach)
SOURCE CONTROL	GIT / GitHub / TortoiseGIT
WEB SERVER	IIS

2 Getting Started

2.1 Start point

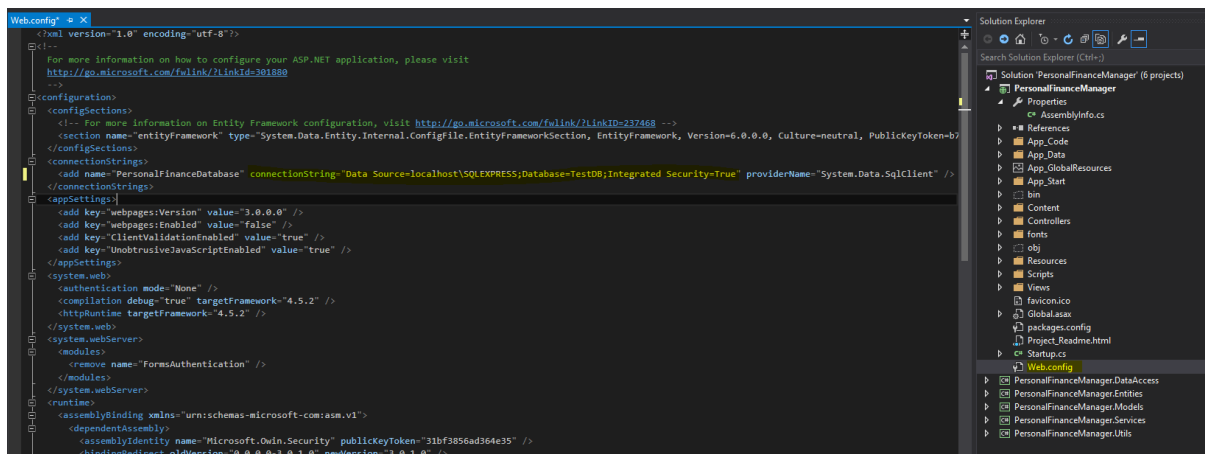
After getting the sources, you should see the following project and be able to build.



2.2 Database setup

The database will be built from the project but you need at least a SQL Express instance running on the server.

Change the connection string in the Web.config of the web project so it matches your DB server:



In **Package Manager Console**, make sure the **PersonalFinanceManager.DataAccess** project is selected and enter:

Add-Migration InitialCreate

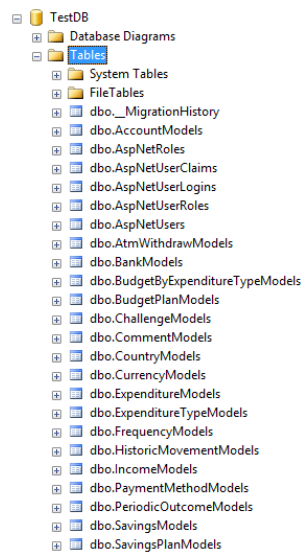
```
PM> Add-Migration InitialCreate
Scaffolding migration 'InitialCreate'.
The Designer Code for this migration file includes a snapshot of your current Code First
migration, then you can re-scaffold it by running 'Add-Migration InitialCreate' again.
```

Then, enter:

Update-Database

```
PM> Update-Database
Specify the '-Verbose' flag to view the SQL statements being applied to the target database.
Applying explicit migrations: [201611050702109_InitialCreate].
Applying explicit migration: 201611050702109_InitialCreate.
Running Seed method.
```

Result in DB:



The only prepopulated table is **dbo.PaymentMethodModels** as this is a static enum type.


Id	Name
1	CB
2	Cash
3	Direct Debit
4	Transfer
5	Internal Transfer

All other tables are empty at that point.

2.3 Metadata setup

Run the web project

First you need to register:



[Register](#) [Log in](#)

Log in


Email

Password

☐ Remember me?

[Log in](#) [Register](#)

The list of accounts is empty as no data has been created yet for this user.





Profile Hello test@test.com! Log off


Home Dashboard Movements Budget Configuration

Welcome

Getting started by managing your personal finance and visualising your expenses on dashboards.

**Manage your finance**
[Add an expenditure](#)

**Plan the future**
[Add a budget plan](#)

**Analyze your data**
[Visualize your expenditures](#)

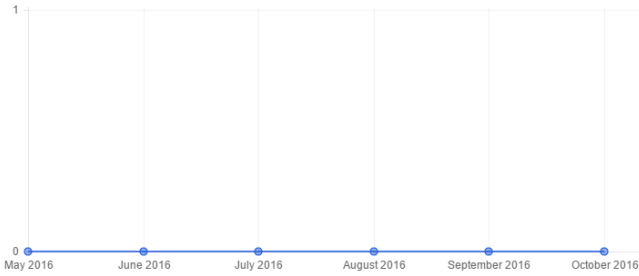
Debit Movements
0

First Movement
-

Yearly Income
0

Favorite Bank Details

No favorite account!



You should populate the settings in this order:

- Create a user profile
- Create a country
- Create a currency
- Create a bank
- Create an account and set up as favorite

Manage accounts

Name	Bank	Currency	Initial Balance	Current Balance	
★ Account 1	My Bank	EUR	€1000.00	€1000.00	✎ 🗑

Showing 1 to 1 of 1 entries

Previous **1** Next

Next stage is to define the expenditure types you want to manage:

Manage expenditure types

Name	Show On Dashboard	
Food	<input checked="" type="checkbox"/>	✎ 🗑
Transport	<input checked="" type="checkbox"/>	✎ 🗑
Energy	<input checked="" type="checkbox"/>	✎ 🗑

Showing 1 to 3 of 3 entries

Previous **1** Next

Then you only need to add some expenditures and have a look at the dashboard!

Manage expenditures

Account 1 / Movements / Create expenditure

Current Amount: €1000.00

Create expenditure

Description:

Date:

Cost:

Expenditure Type:

Payment Method:

Already Debited: ☐

[Save](#) [Next](#) [Back to List](#)

3 Functional Requirements

3.1 Requirement Definition

The use cases are described by a code according to the following descriptions:

- **U_XX**: Related to security including user account (authentication and authorization) and user profile.
- **MET_XX**: Related to metadata of the system (accounts, currencies, countries...).
- **EI_XX**: Related to entering expenses and incomes to the system.
- **D_XX**: Related to visualizing dashboards.
- **BP_XX**: Related to budget plan.

The use cases are more or less detailed depending of the complexity of the functionality.

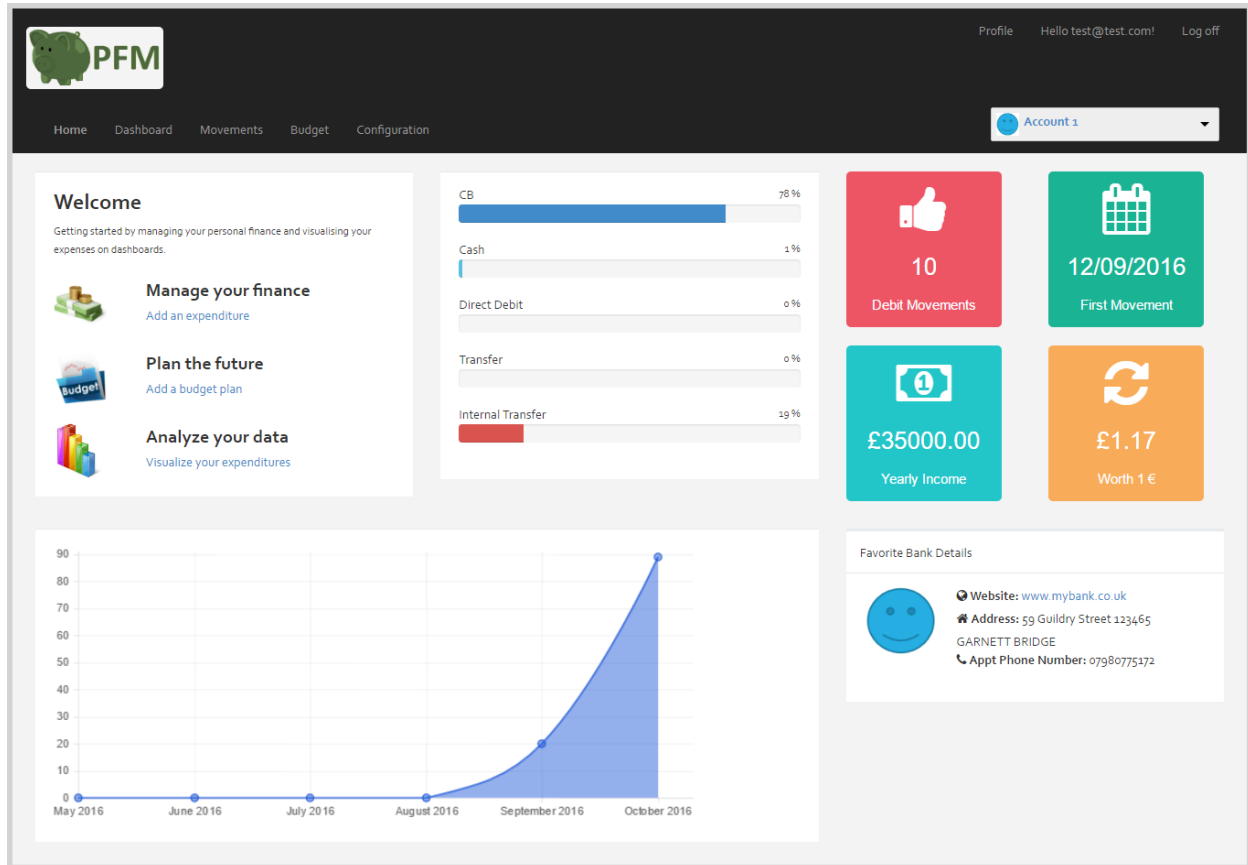
3.2 Requirement Overview

Use Case	Name	Description
D_01	Welcome Page	Be able to show a user-specific home page.
D_02	Expenditure Dashboard	Be able to visualize the expenditures for an account in a dashboard.
U_01	User Registering	Register a new user so he can start to use the application
U_02	User Authentication	Be able to log in a user so he can start to use the application
U_03	User Profile.	Be able to get some information about the user.
MET_01	Account Management	Be able to list, create, update and delete accounts for the authenticated user
MET_02	Bank Management	Be able to list, create, update and delete banks for the authenticated user
MET_03	Country Management	Be able to list, create, update and delete registered countries for the authenticated user
MET_04	Currency Management	Be able to list, create, update and delete registered currencies for the authenticated user
MET_05	Expenditure Type Management	Be able to list, create, update and delete categories of expenditures for the authenticated user
MET_06	Payment Method Listing	Be able to list, create, update and delete categories of expenditures for the authenticated user
EI_01	Incomes Management	Be able to list, create, update and delete incomes for an account
EI_02	ATM Withdraw Management	Be able to list ATM withdraws for an account
EI_03	Expenditure Listing (Common Features)	Be able to list and filter expenditures for an account.
EI_04	Expenditure Management (Common Expenditure Strategy)	Be able to create / update / delete an expenditure, for CB Direct Debit and Transfer expenditures.

EI_05	Expenditure Management (ATM Withdraw Strategy)	Be able to create / update / delete an expenditure, for Cash expenditures.
EI_06	Expenditure Management (Internal Transfer Strategy)	Be able to create / update / delete an expenditure, for Internal Transfer expenditures.
BP_01	Budget Management	Be able to create / update / view a budget plan and start/stop it.

3.3 Detailed Requirements

D_01 – Welcome Page



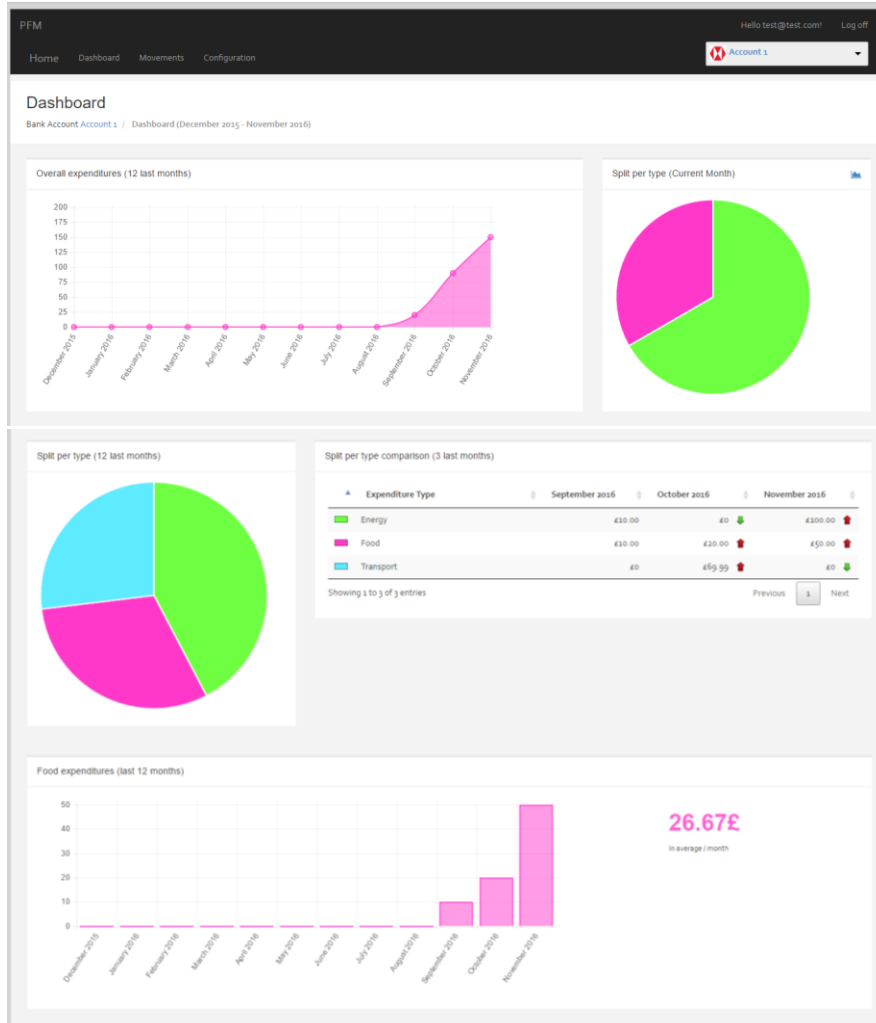
From left to right, top to bottom:

- Shortcuts on main functionality
- Cost of all registered debit movements compared to the total registered debit movements.
 - Notes: Does not convert to the main currency.
- Number of registered debit movements.
- First Movement
- Yearly Income
- Conversion rate (IN DEVELOPMENT)
 - Currency is your favorite account currency
 - Base currency: randomly chosen amongst your currencies
- Costs of registered debit movements over 6 months
 - Notes: Does not convert to the main currency.
- Favorite Bank details:
 - Bank Branch details of the favorite account

D_02 - Expenditures Dashboard

Five visualizations are available in this dashboard:

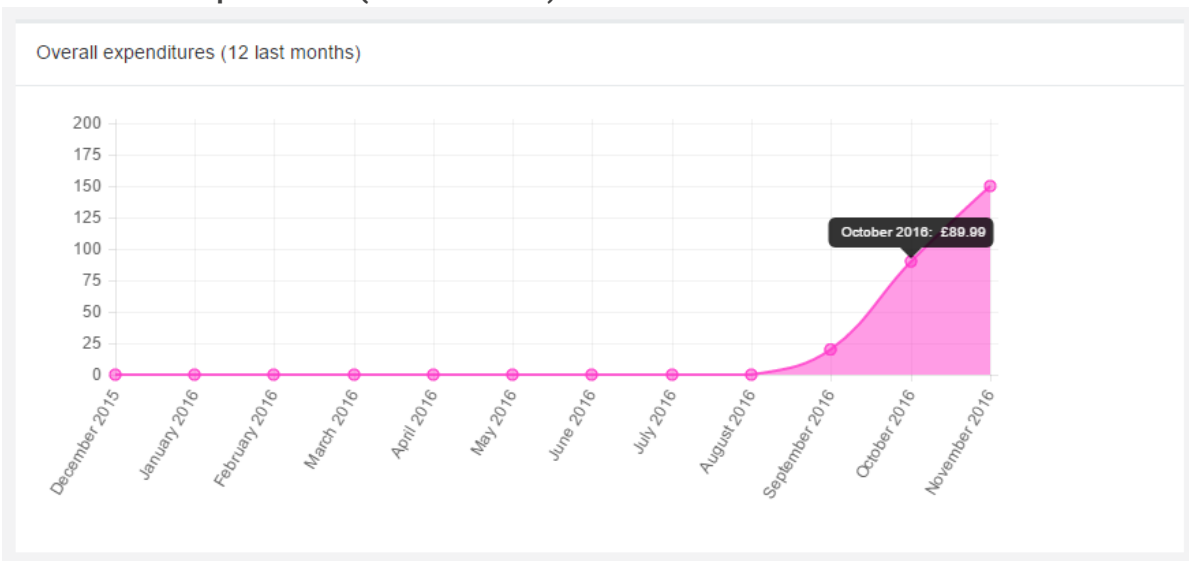
1. Overall expenditures (12 last months)
2. Split per type (Current Month)
3. Split per type (12 last months)
4. “Type” expenditures (12 months)
5. Split per type comparison (3 last months)



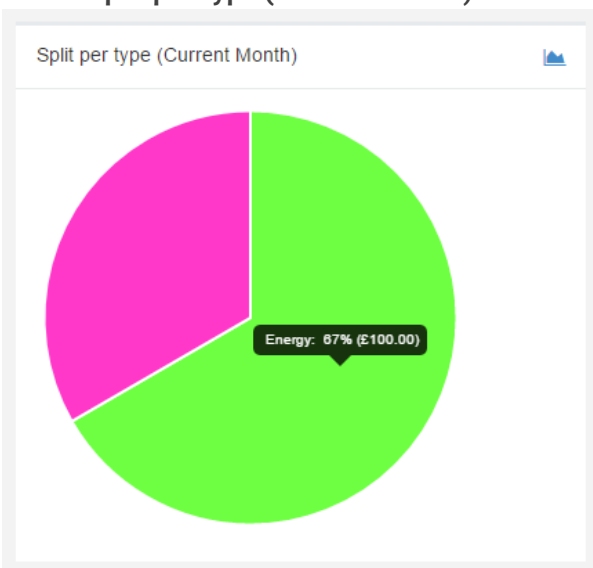
When the data is analysed for over a year, we take 12 months including the current month. For example, in November 2016, we want to see the data from 1st of December 2015 to 30th of November 2016.

- **Start Date:** first day of the current month – 11 Months
- **End Date:** last day of the current month

Row 1: Overall expenditures (12 last months)



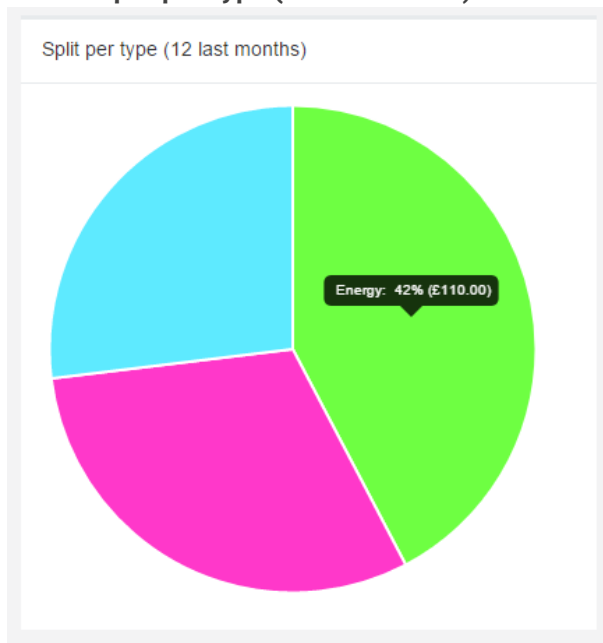
Row 1: Split per type (Current Month)



Action available:

- Button  will open Row 2

Row 2: Split per type (12 last months)



Action available:

- Click on pie chart split will open the Row 3

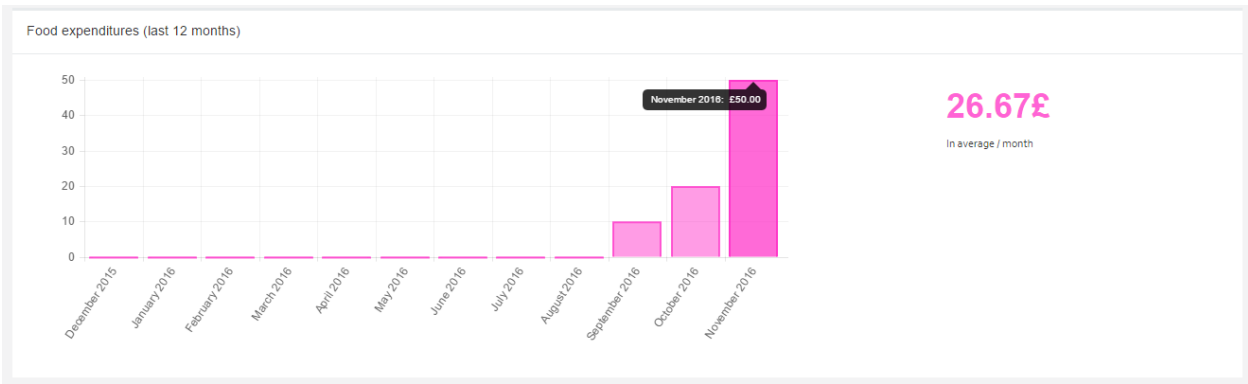
Row 2: Split per type comparison (3 last months)

Split per type comparison (3 last months)				
Expenditure Type	September 2016	October 2016	November 2016	
Energy	£10.00	£0	£100.00	
Food	£10.00	£20.00	£50.00	
Transport	£0	£69.99	£0	

Showing 1 to 3 of 3 entries

Previous 1 Next

Row 3: “Type” expenditures (12 months)



The average is computed from the moment we started registered the expenditures, not before. For instance, we show the data from December 2015, but our first expenditures registered in the system was in September 2016. The average is then computed from September 2016 and the zero values are ignored from December 2015 to August 2016 are not considered in the computation.

U_01 - User Registration

Description

It uses the integrated authentication mechanism proposed in the ASP.NET MVC template project.

Create a new account

Register.
Create a new account.

Email

Password

Confirm password

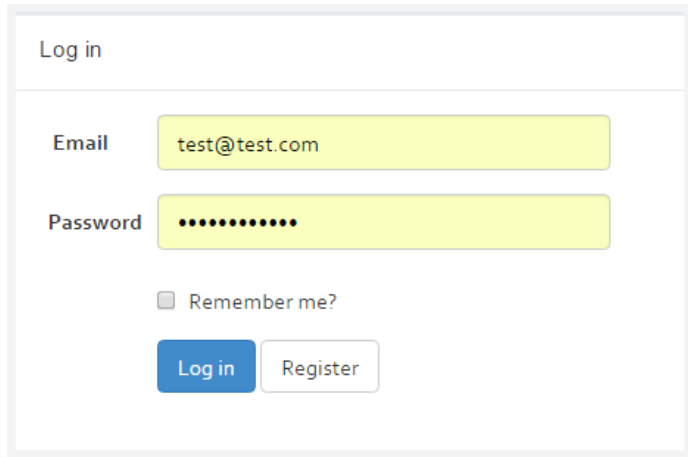
Property	Type	Description	Required	Size	Other constraints
Email	Text	Email	Yes	256	
Password	Text	Password	Yes		At least one character, one number and one special character. At least one uppercase.
Confirm password		Password			

U_02 - User Authentication

Description

It uses the integrated authentication mechanism proposed in the ASP.NET MVC template project.

Login



The image shows a login form with a light gray border. At the top, the text "Log in" is displayed. Below this, there are two input fields: "Email" with the value "test@test.com" and "Password" with masked characters ".....". A checkbox labeled "Remember me?" is positioned below the password field. At the bottom, there are two buttons: a blue "Log in" button and a white "Register" button with a gray border.

Log in

Email test@test.com

Password

☐ Remember me?

Log in Register


U_03 - User Profile

View

Manage user profile

View user profile

First Name	Kimberly
Last Name	Davis
Yearly Wages	25000.00
Source Wages	Company Y




Actions available:

- Create: if not profile is not created yet.
- Update

Create / Edit user profile

Manage user profile

Edit user profile









First Name	<input type="text" value="Kimberly"/>
Last Name	<input type="text" value="Davis"/>
Yearly Wages 	<input type="text" value="25000.00"/>
Source Wages	<input type="text" value="Company Y"/>

Property	Type	Description	Required	Size	Other constraints
First Name	Text		Yes	50	
Last Name	Text		Yes	50	
Yearly Wages	Decimal	Currency used is the currency of favorite account.	Yes		
Source Wages	Text	Company name	Yes	50	

MET_01 - Account Management

List

Manage accounts

Name	Bank	Currency	Initial Balance	Current Balance	
★ Account 1	My Bank	GBP	£1000.00	£995.01	 
Account 2	My Bank	GBP	£3000.00	£3100.00	  
Account 3	My Bank	GBP	£300.00	£300.00	  

Showing 1 to 3 of 3 entries

Previous 1 Next

Actions available:

- Sort
- Create
- Update
- Delete (with confirmation): disabled if the account is used by at least one expenditure, income or ATM withdraw.
- Set as Favorite

Create / Edit account

Manage accounts

Create account

Bank

HSBC

Currency

GBP

Name

Initial Balance

0.00

Create

Back to List

Property	Type	Description	Required	Size	Other constraints
Bank	List	List of available banks in the system.	Yes		
Currency	List	List of available currencies in the system.	Yes		
Name	Text	Account name	Yes	50	Unique.
Initial Balance	Decimal	Initial balance	Yes	(10, 2)	Can't be changed in edit mode.

The **Current Balance** is not visible from the creation screen, it is initialized with **Initial Balance** at creation time. It is going to be updated when expenditures, incomes and ATM withdraw are created.

MET_02 - Bank Management

List

Manage banks

List of banks

Name

Country

My Bank

United Kingdom

Showing 1 to 1 of 1 entries

Previous

1

Next

Actions available:

- Sort
- Create
- Update
- Delete (with confirmation): disabled if the bank is used by at least one account. Delete the favourite branch object too.

Create / Edit bank

Create a bank

Country

United Kingdom

Name

My Bank

Website

www.mybank.co.uk


Phone Number

01234567890

Upload Logo

Choose File

icon4.PNG



Favorite Branch

Name

My Bank Branch

Address Line 1

59 Guildry Street

Address Line 2

Post Code

123465

City

GARNETT BRIDGE

Phone Number

07980775172

Save

Back to List

Property	Type	Description	Required	Size	Other constraints
Country	List	List of available countries in the system.	Yes		
Name	Text	Bank name	Yes	50	Unique.
Existing logo	Text + Preview	If a logo has been already uploaded (Edit or Failed Validation on Create after uploading), then we display the icon filename and we preview the image.	Yes		Field displayed Under Conditions.
Upload logo	Image Upload + Preview	Upload button + Preview of the uploaded image. If an existing logo exists, a button will be available to upload a new file.	Yes		Field displayed Under Conditions. The file should not empty. A file must have been selected. The file should not exceed 200000 bytes. A file must have a unique name.
Website	Text	Website	Yes	255	
Phone Number	Text	Phone Number (General Enquiries / Customer Services). Without extension number.	Yes	11	Pattern 00000000000

Favorite Branch Properties

Property	Type	Description	Required	Size	Other constraints
Name	Text	Name	Yes	50	
Address Line 1	Text	Address Line 1	Yes	255	
Address Line 2	Text	Address Line 2	No	255	
Post Code	Text	Post Code	Yes	10	
City	Text	City	Yes	255	
Phone Number	Text	Phone Number (Appointment booking). Without extension number.	Yes	11	Pattern 00000000000

MET_03 - Country Management

List

Manage countries

List of countries

Name

United Kingdom

Showing 1 to 1 of 1 entries

Previous1Next

Actions available:

- Sort
- Create
- Update
- Delete (with confirmation): disabled if the country is in used by an account.

Create / Edit country

Manage countries

Create a country

Name

Save

Back to List

Property	Type	Description	Required	Size	Other constraints
Name	Text	Country Name	Yes	50	

MET_04 - Currency Management

List

Manage currencies

List of currencies

Name

Symbol

GBP

£

Showing 1 to 1 of 1 entries

Previous1Next

Actions available:

- Sort
- Create
- Update
- Delete (with confirmation): disabled if the currency is in used by an account.

Create / Edit currency

Manage currencies

Create a currency

Name

EUR

Symbol

€

Save

Back to List

Property	Type	Description	Required	Size	Other constraints
Name	Text	Currency Name	Yes	3	
Symbol	Text	Currency Symbol	Yes	3	

MET_05 - Expenditure Type Management

List

Manage expenditure types

List of expenditure types

Name

Food

Transport



Energy



Show On Dashboard



☒

☒

☒







Showing 1 to 3 of 3 entries

Previous1Next

Actions available:

- Sort
- Create
- Update
- Delete (with confirmation): disabled if the expenditure type is used by at least one expenditure.

Create / Edit an expenditure type

Manage expenditure types

Create an expenditure type

Name

Gym / Sport

Graph Color

FF5E99

Show On Dashboard

☒

Save

Back to List

Property	Type	Description	Required	Size	Other constraints
Name	Text	Expenditure name	Yes	50	Unique.
Graph Color	Color Pick	Color which will be displayed in the graph in the dashboard for this expenditure type.	Yes		
Show On Dashboard	Yes/No	Determine if the expenditure types will be in the dashboard	Yes		

MET_o6 - Payment Method Listing

Description

Depending on which payment method has been selected, a different strategy applies on the expenditure computation. As a result, this entity became static. You can still visualize what payment method are available to you.

List

Manage payment methods	
List of payment methods	
Name	
Transfer	
Internal Transfer	
Direct Debit	
CB	
Cash	
Showing 1 to 5 of 5 entries	
Previous	1 Next

El_01 - Incomes Management

Description

An income is an external source of amount like salary, gift...

For an income which comes from an account registered in the system, you can use the expenditure functionality with the payment method option “internal transfer”, as it will create both the debit in the source account (expenditure) and credit in the destination account (income). For instance, you have a saving account and you transfer money from your current to your saving account, you won't have to do two actions.

List

Manage incomes

Account 1 / Mouvements / List of incomes

Current Amount: £2260.01

List of incomes

Search:

Date Income	Cost	Description
31/10/2016	£1500.00	Salary

Showing 1 to 1 of 1 entries

Previous 1 Next

Available actions:

- Sort
- Create
- Update
- Delete (with confirmation).

Create / Update an income

Manage incomes

Account 1 / Mouvements / Create an income

Current Amount: £760.01

Create an income

Description

Salary

Cost

1500

Date Income

31/10/2016

Save Back to List

Property	Type	Description	Required	Size	Other constraints
Description	Text	Description	Yes		
Cost	Decimal	Cost	Yes		
Date income	Date	Date income	Yes		

The account will be credited and debited again with the new cost.

Delete

The account will be re-credited.

EI_02 - ATM Withdraw Management

Description

An ATM withdraw is a special expenditure that won't be shown in the dashboard as it is not split by expenditure type. The cash expenditures attached to it are the ones which needs to be displayed. As the amount can't necessarily be precise for cash expenditures and they might come later after the amount is removed from the account, we define this ATM withdraw object.

List

Manage ATM withdraws

Account 1 / Mouvements / List of ATM withdraws

Current Amount: £1260.01

List of ATM withdraws

Date Withdraw	Description	Initial Amount	Current Amount	Already Debited
06/11/2016	ATM 06/11/2016 (Left: £100.00)	£100.00	£100.00	<input type="checkbox"/>

Showing 1 to 1 of 1 entries

Previous 1 Next

Available actions:

- Sort
- Create
- Update
- Close ATM withdraw.
- Delete (with confirmation). Disabled if used by at least one cash expenditure.

Create/Update ATM Withdraw

Manage ATM withdraws

Account 1 / Mouvements / Create an ATM withdraw

Current Amount: £1360.01

Create an ATM withdraw

Date Withdraw

06/11/2016

Initial Amount

100

Already Debited

☒

Save

Back to List

Property	Type	Description	Required	Size	Other constraints
Date Withdraw	Date		Yes		
Initial Amount	Decimal		Yes		
Already Debited	Yes/No				

Business rules:

- When an ATM Withdraw is created, the cost is debited from the account.
- When an ATM Withdraw is updated, the old cost is credited to the account and the new cost is debited from the account.

Close ATM withdraw

Closing an ATM withdraw means that we won't be able to take any cash expenditures on it. It might not be zero as the cash expenditures are not precise.

El_03 - Expenditure Listing (common features)

Description

Depending on the payment method, the expenditure management might be different.

We distinguish 3 different expenditure strategies:

- **Common expenditures:** used for CB, Direct Debit and Transfer. Target is an account.
- **ATM withdraw expenditures:** used for Cash payment only. Target is an ATM withdraw.
- **Internal transfer expenditures:** used for Internal Transfer payment only. Source is an account. Target is another account.

In this first user case, only the common features will be described, then the different strategies are described in the following user cases.

List

Manage expenditures

Account 1 / Movements / List of expenditures

Current Amount: £1150.01

List of expenditures

Search:

Date	Cost	Expenditure Type	Payment Method	Description	Already Debited
06/11/2016	£100.00	Savings	Internal Transfer	Internal Transfer Expenditure	✎ ✕
05/11/2016	£50.00	Food	CB	test	✎ ✕
05/11/2016	£100.00	Energy	CB	test	✎ ✕
18/10/2016	£69.99	Transport	CB	Taxi to go to the airport	✎ ✕
10/10/2016	£20.00	Food	CB	Drinks at the pub	✎ ✕
20/09/2016	£10.00	Food	Cash	Cash Expenditure	✎ ✕
12/09/2016	£10.00	Energy	CB	Common Expenditure	✎ ✕

Showing 1 to 7 of 7 entries

Previous

1

Next

Available actions:

- Sort
- Create
- Update
- Delete (with confirmation).

El_04 – Expenditure Management (Common Expenditures Strategy)

Create

Manage expenditures

Account 1 / Mouvements / Create expenditure

Current Amount: £1260.01

Create expenditure

Description

Common Expenditure

Date

12/09/2016

Cost

10

Expenditure Type

Energy

Payment Method

CB

Already Debited

☐

Save

Next

Back to List

When an expenditure with payment method “CB”, “Direct Debit” or “Transfer” is created, the cost is debited from the account.

Edit

In edit mode, we can change the payment type and as a consequence, the old target should be refunded before we debit on the new target.

If an expenditure with payment method “CB”, “Direct Debit” or “Transfer” is updated to:

Common (CB, Direct Debit or Transfer)	ATM Withdraw (Cash)	Internal Transfer
<div>Cost Has Changed</div> <div>El_04_R1</div> <div>Current Account is credited by old cost.</div> <div>Current Account is debited by new cost.</div>	<div>El_04_R2</div> <div>Current Account need to be refunded (old cost).</div> <div>ATM Withdraw need to be debited (new cost).</div>	<div>El_04_R3</div> <div>Current Account need to be refunded (old cost).</div> <div>Income created (Transfer) on Target Account.</div> <div>Target Account need to be debited (new cost).</div>

Delete

Deleting a common expenditure will credit back the current account.

EL_05 – Expenditure Management (ATM Withdraw Strategy)

Create

Manage expenditures

Account 1 / Mouvements / Create expenditure

Current Amount: £1250.01

Create expenditure

Description

Cash Expenditure

Date

20/09/2016

Cost

10

Expenditure Type

Food

Payment Method

Cash

ATM Withdraw

ATM 06/11/2016 (Left: £100.00)

Save

Next

Back to List

When an expenditure with payment method "Cash" is created, the cost is debited from the selected ATM withdraw.

When this expenditure is added, the Current Amount is automatically updated for the selected ATM:

Manage ATM withdraws

Account 1 / Mouvements / List of ATM withdraws

Current Amount: £1150.01

List of ATM withdraws

Date Withdraw	Description	Initial Amount	Current Amount	Already Debited
06/11/2016	ATM 06/11/2016 (Left: £90.00)	£100.00	£90.00	

Showing 1 to 1 of 1 entries

Previous1Next

Edit

In edit mode, we can change the payment type and as a consequence, the old target should be refunded before we debit on the new target.

If an expenditure with payment method "Cash" is updated to:

Common (CB, Direct Debit or Transfer)	ATM Withdraw (Cash)		Internal Transfer
EI_05_R1 ATM Withdraw need to be refunded (old cost). Current Account need to be debited (new cost).	ATM Withdraw Has Changed	Same ATM Withdraw, Cost Has Changed	EI_05_R4 ATM Withdraw need to be refunded (old cost). Income created (Transfer) on Target Account. Target Account need to be debited (new cost).
	EI_05_R2 Old ATM Withdraw need to be refunded (old cost). New ATM Withdraw need to be debited (new cost).	EI_05_R3 ATM Withdraw is credited by old cost. ATM Withdraw is debited by new cost.	

Delete

Deleting an ATM withdraw will credit back the ATM withdraw.

EI_o6 – Expenditure Management (Internal Transfer Strategy)

Create

Manage expenditures

Account 1 / Mouvements / Create expenditure

Current Amount: £1250.01

Create expenditure

Description

Internal Transfer Expenditure

Date

06/11/2016

Cost

100

Expenditure Type

Savings

Payment Method

Internal Transfer

Internal Account

Account 2

Save

Next

Back to List

When an expenditure with payment method "Internal Transfer" is created, the cost is debited from the account and the cost is credited to the selected internal account.

When this expenditure is added, an income is automatically added to the selected internal account:

PFM

Hello test@test.com! Log off

Home Dashboard Movements Configuration

Account 2

Manage incomes

Account 2 / Mouvements / List of incomes

Current Amount: £3100.00

List of incomes

Search:

Date Income	Cost	Description
06/11/2016	£100.00	Transfer: Internal Transfer Expenditure

Showing 1 to 1 of 1 entries

Previous 1 Next

Edit

In edit mode, we can change the payment type and as a consequence, the old target should be refunded before we debit on the new target.

If an expenditure with payment method "Internal Transfer" is updated to:

Common (CB, Direct Debit or Transfer)	ATM Withdraw (Cash)	Internal Transfer	
<p>El_o6_R1</p> <p>Target Account need to be refunded (old cost).</p> <p>Expenditure created (Transfer Cancel) on Target Account.</p> <p>Current Account need to be debited (new cost).</p>	<p>El_o6_R2</p> <p>Target Account need to be refunded (old cost).</p> <p>Expenditure created (Transfer Cancel) on Target Account.</p> <p>ATM Withdraw need to be debited (new cost).</p>	<p>Internal Account Has Changed</p>	<p>Same Internal Account, Cost Has Changed</p>
		<p>El_o6_R3</p> <p>Old Target Account need to be refunded (old cost).</p> <p>Income removed on old target account.</p> <p>New Target Account need to be debited (new cost).</p> <p>Income created (Transfer) on new target account.</p>	<p>El_o6_R4</p> <p>Target Account is credited by old cost.</p> <p>Target Account is debited by new cost.</p>

Delete

Deleting an internal account expenditure should cancel the income to the selected target account and credit back the current account.

BP_01: Budget Plan Management

List

Manage budget plans

List of budget plans

Name	Start Date	End Date
Budget Plan 2017		

Showing 1 to 1 of 1 entries

Previous1Next

Actions available:

- View
- Edit

Create / Edit Budget Plan

Manage budget plans

Create a budget plan

Name

Budget Plan 2017

Split	Expenditure Type	Expected Value	Previous Month Value	Average Month Value
	Clothes	60	£10.00	£5.00
	Energy	100	£100.00	£55.00
	Food	200	£35.00	£40.00
	Savings	400	£100.00	£50.00
	Sport	50	£72.50	£72.50
	Transport	60	£69.99	£34.995
	Total Expenditures	870.00	£387.49	£257.495
	Total Incomes	1400.00	£1400.00	£700.00
	TOTAL LEFT	530.00	£1012.51	£442.505

Recompute

Save

Back to List

Property	Type	Description	Required	Size	Other constraints
Name	Text	Budget Plan Name	Yes	50	
Split	Decimal	Expected Value for each expenditure types	Yes		

View Budget Plan

View a budget plan

Name

Budget Plan 2017

Start Date

End Date

Split	Expenditure Type	Expected Value	Previous Month Value	Average Month Value
	Clothes	60.00	£10.00	£5.00
	Energy	100.00	£100.00	£55.00
	Food	200.00	£35.00	£40.00
	Savings	400.00	£100.00	£50.00
	Sport	50.00	£72.50	£72.50
	Transport	60.00	£69.99	£34.995
Total Expenditures		870.00	£387.49	£257.495
Total Incomes		1400.00	£1400.00	£700.00
TOTAL LEFT		530.00	£1012.51	£442.505

Starting a budget plan - Warning! Start Date is planned to be: 01/12/2016

- Starting a budget plan will stop any other budget plan.
- You can't edit anymore a started budget plan!
- A plan can be stopped at anytime even if there is no other budget plan!

Start Budget Plan

Back to List

Actions available:

- Start a Budget Plan
- Stop a Budget Plan