

Manage your Budget

User Centered Design

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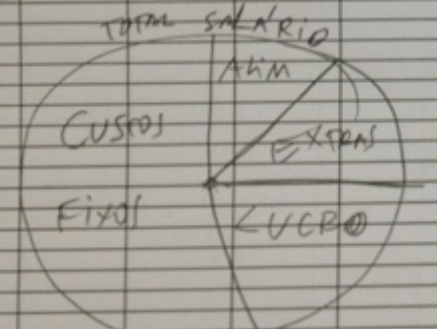


Cultural Probes

DESPESAS NOVEMBRO 2012

Espaço livre para organização pessoal			
SALARIO / IRMÃO	980,62 €		+
CUSTOS "FIXOS" (LISA):			
ÁGUA	2,8		=
LIT	3,0		=
QNT	2,3		=
RENTA	450		=
TOTAL	537		=
ALIMENTAÇÃO:			
2/11	LIDL	11,98	=
5/11	CONT	20,19	=
12/11	CONT	20,16	=
23/11	CONT	8,15	=
29/11	CONT	14,29	=
TOTAL	85,02		=
EXTRAS			
1/11	CAPIA	60,92	=
1/11	SPRING	27,00	=
1/11	LEGA	30,99	=
TOTAL	117,99		=
TOTAL DISPONÍVEL	259,61		+

TOTAL SALARIO



CUSTOS FIXOS

EXTRAS

LUCRO

Espaço livre para organização pessoal			
KOP		34	959,62
LAS		2,3	
ÁGUA		2,8	
RENTA		450	
CONSUMO		7,0	
		11,01	432,82
		14,21	
		13,28	
		41,88	
		30,65	
		12,18	
		8,36	
		12,10	
		3,58	
DESPESA	MAN. OCASIONAL	60,92	240,77
		27,00	
DESPESA	EXTRAORDINARIA	23,00	142,86
			119,83

COMPRAS & ALIMENTAÇÃO

26,18 € em 10 MARÇO com o mercado ✓

Manage your Budget
User Centred Design



Requirements List

❖ User

- ❖ Users must have some experience in using mobile apps.

❖ Environment

- ❖ The application must run on Android OS.

❖ Data

- ❖ User data is synchronized through the usage of the cloud;
- ❖ Information should be organized by filters.

Requirements List

❖ Functional

- ❖ Support multiple users;
- ❖ Add income and expenses;
- ❖ Create multiple budgets for different time periods;
- ❖ Generate graphics with the expenses/incomes inserted by users.

❖ Usability

- ❖ Adding Income or Expenses should be easy and fast;
- ❖ Application must be responsive while navigating.

User requirements

❖ **Description:**

Users must have some experience in using mobile apps.

❖ **Rationale:**

Users must have some experience in using mobile apps in order to know easily how to work and navigate within the application.

❖ **Source:**

Project Team.

❖ **Fit Criterion:** The user must use the application naturally without needing an extra effort.

❖ **Customer Satisfaction:** 5

❖ **Customer Dissatisfaction:** 2

❖ **Dependencies:** None.

❖ **Supporting Materials:** None.

❖ **History:** Project Theme.

Environment req.

- ❖ **Description:**

The application must run on Android OS.

- ❖ **Rationale:**

The application will be developed and has to run on Android OS platform.

- ❖ **Source:**

Users.

- ❖ **Fit Criterion:** Most of our users from focus group have Android OS as their smartphone platform, therefore it's important that our app target this platform.

- ❖ **Customer Satisfaction:** 4

- ❖ **Customer Dissatisfaction:** 3

- ❖ **Dependencies:** None.

- ❖ **Supporting Materials:** User Inquiries.

- ❖ **History:** None.

Data requirements

- ❖ **Description:**

User data is synchronized through the usage of the cloud.

- ❖ **Rationale:**

Data can be stored in cloud and by doing this is possible to synchronize multiple devices with the application. Data in cloud also prevent some problems related with data loss whenever a device fails.

- ❖ **Source:**

Users.

- ❖ **Fit Criterion:** If an user insert information in a device, this information should be available in the Cloud in seconds and can be viewed in another devices.

- ❖ **Customer Satisfaction:** 5

- ❖ **Customer Dissatisfaction:** 4

- ❖ **Dependencies:** Data must be stored in cloud, therefore the device must be connected to internet.

- ❖ **Supporting Materials:** User Inquiries.

- ❖ **History:** None.



Data requirements

- ❖ **Description:**

Information should be organized by filters.

- ❖ **Rationale:**

Users want to distinguish their expenses by their tags, therefore this information should be organized by tags, that will work like filters.

- ❖ **Source:**

Users.

- ❖ **Fit Criterion:** Users insert expenses and associate tags to it. After this, user can use graphics to see all the information organized by filters.

- ❖ **Customer Satisfaction:** 3

- ❖ **Customer Dissatisfaction:** 3

- ❖ **Dependencies:** Users must create tags.

- ❖ **Supporting Materials:** Cultural Probes.

- ❖ **History:** None.

Functional req.

- ❖ **Description:**

Support multiple users.

- ❖ **Rationale:**

Different users can access their private information in the same device.

- ❖ **Source:**

Users.

- ❖ **Fit Criterion:** If multiple users with their own account login in the same device, each one will access and view their own information.

- ❖ **Customer Satisfaction:** 5

- ❖ **Customer Dissatisfaction:** 3

- ❖ **Dependencies:** Users must have an account and login in the application.

- ❖ **Supporting Materials:** User Inquiries.

- ❖ **History:** None.

Functional req.

- ❖ **Description:**
Add income and Expenses.
- ❖ **Rationale:**
In order to organize and manage their budget, users must insert information.
- ❖ **Source:**
Project Team.
- ❖ **Fit Criterion:** Users insert different information that later can be used within the different budgets.
- ❖ **Customer Satisfaction:** 5
- ❖ **Customer Dissatisfaction:** 5
- ❖ **Dependencies:** None.
- ❖ **Supporting Materials:** Project Theme.
- ❖ **History:** None.

Functional req.

- ❖ **Description:**

Create multiple budgets for different time periods.

- ❖ **Rationale:**

Users may need different budgets in order to control their expenses or achieve some savings. This control may be achieved by using weekly and/or monthly budgets.

- ❖ **Source:**

Users.

- ❖ **Fit Criterion:** All the created budgets can be consulted whenever the user needs. All the information inserted affect this budgets.

- ❖ **Customer Satisfaction:** 4

- ❖ **Customer Dissatisfaction:** 3

- ❖ **Dependencies:** None.

- ❖ **Supporting Materials:** User Inquiries.

- ❖ **History:** None.

Functional req.

- ❖ **Description:**

Generate charts with the expenses/incomes information inserted by users.

- ❖ **Rationale:**

Users can view their budget state in a graphical view. This will allow an easier and more user-friendly way of understand their state.

- ❖ **Source:**

Users.

- ❖ **Fit Criterion:** Whenever user checks a budget state, he can change to chart view and quickly have a chart with all the needed information.

- ❖ **Customer Satisfaction:** 4

- ❖ **Customer Dissatisfaction:** 3

- ❖ **Dependencies:** Users must insert information first in order to generate charts.

- ❖ **Supporting Materials:** User Inquiries.

- ❖ **History:** None.

Usability req.

- ❖ **Description:**

Adding Income or Expenses should be easy and fast.

- ❖ **Rationale:**

Adding income and expenses is a must in our application, therefore this actions should be quick and easy, and not discouraging or unfriendly.

- ❖ **Source:**

Users.

- ❖ **Fit Criterion:** Users may not find this action tedious or too difficult. They must do it without requiring extra effort.

- ❖ **Customer Satisfaction:** 5

- ❖ **Customer Dissatisfaction:** 5

- ❖ **Dependencies:** None.

- ❖ **Supporting Materials:** User Surveys.

- ❖ **History:** None.

Usability req.

- ❖ **Description:**

Application must be responsive while navigating.

- ❖ **Rationale:**

If the application does not respond as it should, users may become tedious or stressed.

- ❖ **Source:**

Users.

- ❖ **Fit Criterion:** Users may not find the navigation tedious or slow. It should be always responsive, or whenever that's not possible, a load message should appear to avoid stress.

- ❖ **Customer Satisfaction:** 5

- ❖ **Customer Dissatisfaction:** 5

- ❖ **Dependencies:** None.

- ❖ **Supporting Materials:** User Surveys.

- ❖ **History:** None.

Validation

❖ Cards

- ❖ Using CARDS we are going to produce all the requirements screens and test it with the users:
 - ❖ First we let them explore while we analyze what they do;
 - ❖ Then we ask them to perform some tasks specified by us.

Questions?

