Smart expenses assistant

* **Names and surnames of teammates**

Paweł Sobociński

Sandra Wasiela

* **Group**

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* **What pattern/s did you choose?**

MVC

* **Describe the problem/s that you're going to solve**

Many people have a lot of problems with controlling expenses. As a result, there are troubles with payments at the end of the month and a lot of unpleasantness. We want to help people with this, so we're building an expense management program, which is called “Smart expenses assistant”. Why smart? Because we offer possibilities like: creating your own limit of expenses in several categories, adding expense at any time, displaying previous expenses, getting the warnings about the upcoming or reached limit in several categories. Also, we can choose personally in what period of time we want control expenses. At any time, we have possibility to check the account balance. SEA is a good option for people of all ages, who want control their budget in a reasonable way.

* **Describe who is responsible for what (module, class, etc.)**

**MODEL**:

– Expenses - Paweł Sobociński

- Budget – Sandra Wasiela

- Categories – Paweł Sobociński

- Constraints – Sandra Wasiela

- Warnings (about the upcoming or reached limit in category) – Sandra Wasiela

**VIEW** – Sandra Wasiela/Paweł Sobociński

**CONTROLER:**

* Add budget (weekly/monthly; constraint in several categories) – Paweł Sobociński
* Add expense (category, price, data) - Paweł Sobociński
* Change budget - Paweł Sobociński
* Delete expense - Paweł Sobociński
* Change expense - Paweł Sobociński
* Display all historical expenses – Sandra Wasiela
* Display historical expenses in the chosen category – Sandra Wasiela
* Check account balance – Sandra Wasiela
* **Attach to the document github link**

<https://github.com/pawik45/SmartExpensesAssistant>