
Home budget tracker

— Mini Project 3 —

Project task description

Create a backend for an application to track spendings for home budget.
Basic application functionality should cover:

- Adding spendings categories, such as: Groceries, Entertainment, etc.
- Allocating spendings across existing categories
- Computing summary (over period of time)

Additional task: API should be covered by tests (pytest)

Draft API design

Draft API design proposal in swagger.yaml file. You can insert file content to Swagger editor (link: <https://editor.swagger.io/>) to see proposed API structure for project.

Priority API handlers:

- **POST** /categories/ Add a new category
- **GET** /categories/ Get all categories
- **POST** /transactions/ Add a new transaction
- **GET** /transactions/{id}/ Get a transaction by ID
- **GET** /summary/ Get budget summary

API draft design

Good to have, but not necessary:

- **PUT** /transactions/{id}/ Update a transaction
- **DELETE** /transactions/{id}/ Delete a transaction
- **GET** /transactions/search/ Search transactions
- **DELETE** /categories/{id}/ Delete a category
- **GET** /transactions/ Get all transactions

Before you go...

Please take 2 minutes to give us feedback on today's lesson.

This feedback is **anonymous** and only seen by **the DCP team**!



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