



Mikolaj Jedrzejewski's Project Portfolio Page

Project: Flashbang

Flashbang - is a desktop application for creating flashcards and learning in an effective way. The user interacts with it using a CLI with predefined set of commands. It is written in Java, and has about 1000LoC.

Given below are my contributions to the project.

- **New feature** Added ability to perform a quiz for a set of flashcards as it is called - Flashbang.
 - What it does: the part implemented by me goes through all flashcards and displays a question and asks user about the answer.
 - Justification: it is an essential part of the app to learn from flashcards - getting a question and not revealing the answer.
 - Highlights: It is the most complex command that is used - it uses UI component for both input and output.
- **New feature/Enhancement** Did major refactoring of Parser class.
 - It uses regular expression for extracting command type and the parameters.
 - It uses a factory design pattern to create commands.
 - Command creation separate from execution.
- **New feature** Added ability to display formatted outputs in the UI class and getting inputs.
- **New feature** Implemented command for viewing all flashcards in the app.
- **Enhancement** Removed dependency of command execution from Storage component.
 - Was it hard: No, only one command was using it and that responsibility was moved elsewhere.
- **Testing** Added JUnit tests for the Parser class.
- **Code contributed:** [link](https://ay2425s1-cs2113-t11-2.github.io/tp/team/mikolajed.html)
- **Documentation**
 - Added sequence diagram for Parser and described its workings.
 - Updated UG with a few LoC

- Unified style for PlantUML diagrams.
- **Community**
 - PRs: [list of PRs from GitHub](#)