

# Automatic Project Detection and Tooling for Devs

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# Overview

- Project
- Team
- MVP
- Program

# Project

- During the Automatic Project Detection And Tooling For Devs project our main goal was to create a program that helps the developers to run executable files easier than ever.
- The tool must recognize all the runnables from the working directory.
- We have created a tool that runs all the runnabels, with the proper arguments that the User gives.

# Project team

## Members:

- Zsófia Laczkó
- Borbála Merth
- Márton Petes
- Dániel Gergely
- Benedek Csüllög

# Zsófia Laczkó



Full stack developer

Main tasks:

- Implementation in Model layer
- GUI implementation

# Borbála Merth

Software engineer and architect

Main tasks:

- Architecture of the program
- Program documentation

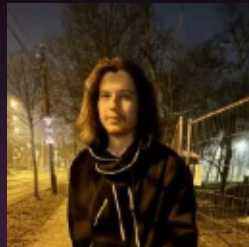


# Márton Petes

Test engineer and software engineer

Main tasks:

- Testing the program
- Implementation in Model layer



# Dániel Gergely

Full stack developer

Main tasks:

- Implementation in Persistence layer
- GUI implementation





# Benedek Csüllög



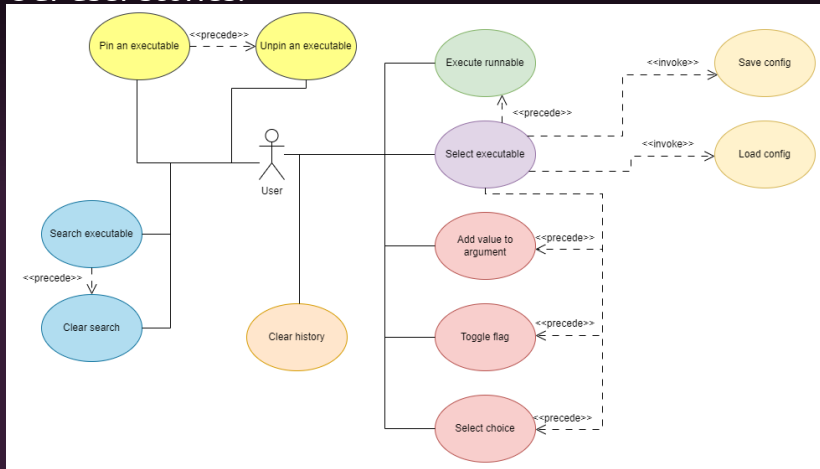
Software engineer and architect

Main tasks:

- Architecture of the program
- Implementation in Model layer

# MVP

## Our user stories:

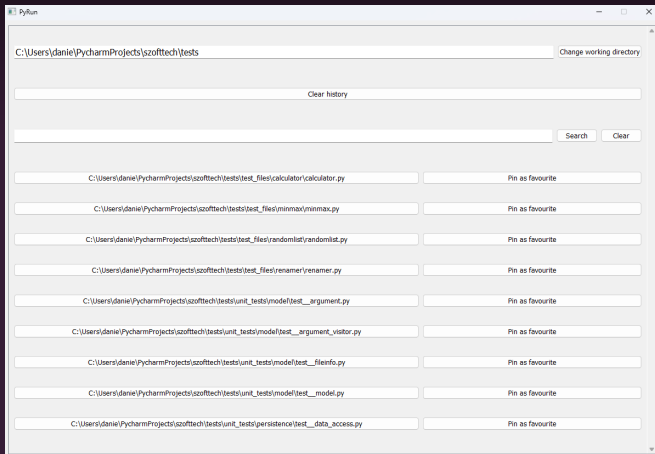


Project

**PyRunner**

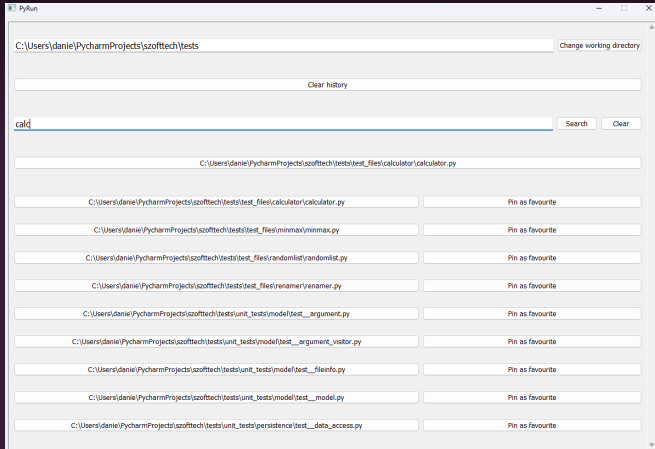
# Main page

- Select executable files
- Clear history



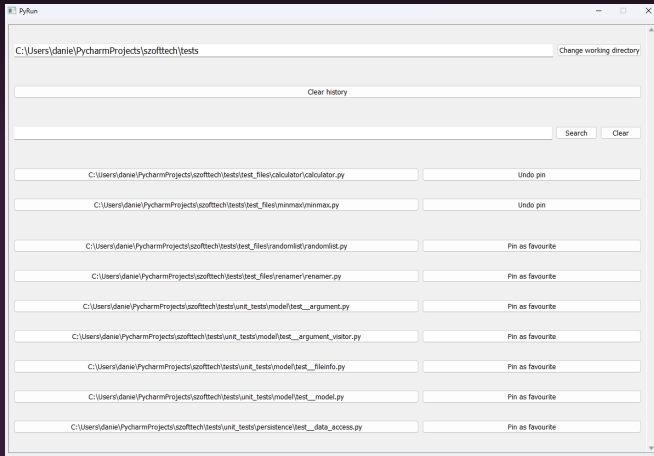
# Main page

- Search for executable
- Clear search



# Main page

- Pin an executable
- Unpin an executable



# Config page

- Save/Load config
- Add value to argument
- Select choices

The screenshot shows a 'PyRun' configuration window. It contains the following fields and options:

- Fullpath:** C:\Users\danie\P\PycharmProjects\szofitech\tests\test\_files\calculator\calculator.py
- Program:** Calculator
- Program's description:** This program can add, subtract, multiply and divide two numbers. Numbers and operators given from the user as the command line arguments. The result is printed to the console.
- Argument:** --number1 / -n1, **Help:** First number to do operation with, **Type:** float, **Required:** True  
--number1:
- Argument:** --number2 / -n2, **Help:** Second number to do operation with, **Type:** float  
--number2:
- Argument:** --operation / -o, **Default:** +, **Help:** Operation, which can be: +, -, \*, /, **Choices:** ['+', '-', '\*', '/']  
--operation:
- Buttons at the bottom: Clear history, Run, Back

# Config page

- Toggle flag

PyRun

**Fullpath:** C:\Git\szofttech\tests\test\_files\renamer\renamer.py

**Program:** Renamer

**Program's description:** This program can rename a file or directory. The new name is given from the user as the command line arguments. The full path argument is required, it will be renamed.

**Argument:** --full\_path / -p, **Help:** Full path to the file or directory to be renamed, **Type:** str, **Required:** True

--full\_path: C:\Git\szofttech\tests\test\_files\renamer\test.txt

**Argument:** --new\_name / -n, **Help:** New name for the file or directory, **Type:** str, **Required:** True

--new\_name: test\_2.txt

**Argument:** --overwrite / -o, **Default:** False, **Help:** Whether to overwrite the existing file or not, **Action:** store\_true

Equipped

**Argument:** --file / -f, **Default:** file, **Help:** Whether the path is a file or not, **Type:** str, **Choices:** ['file', 'directory']

--file: file

Clear history

Run

Back



# Runner page

- Execute runnable

