

LEETFORCES

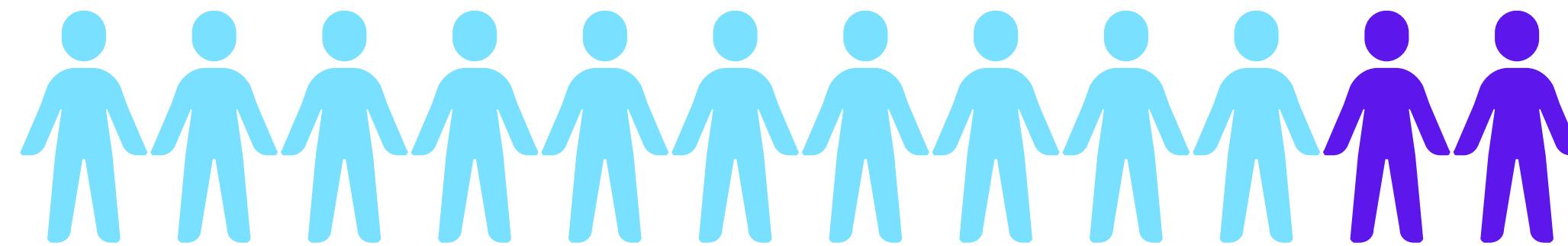
UNLOCK YOUR CODING POTENTIAL



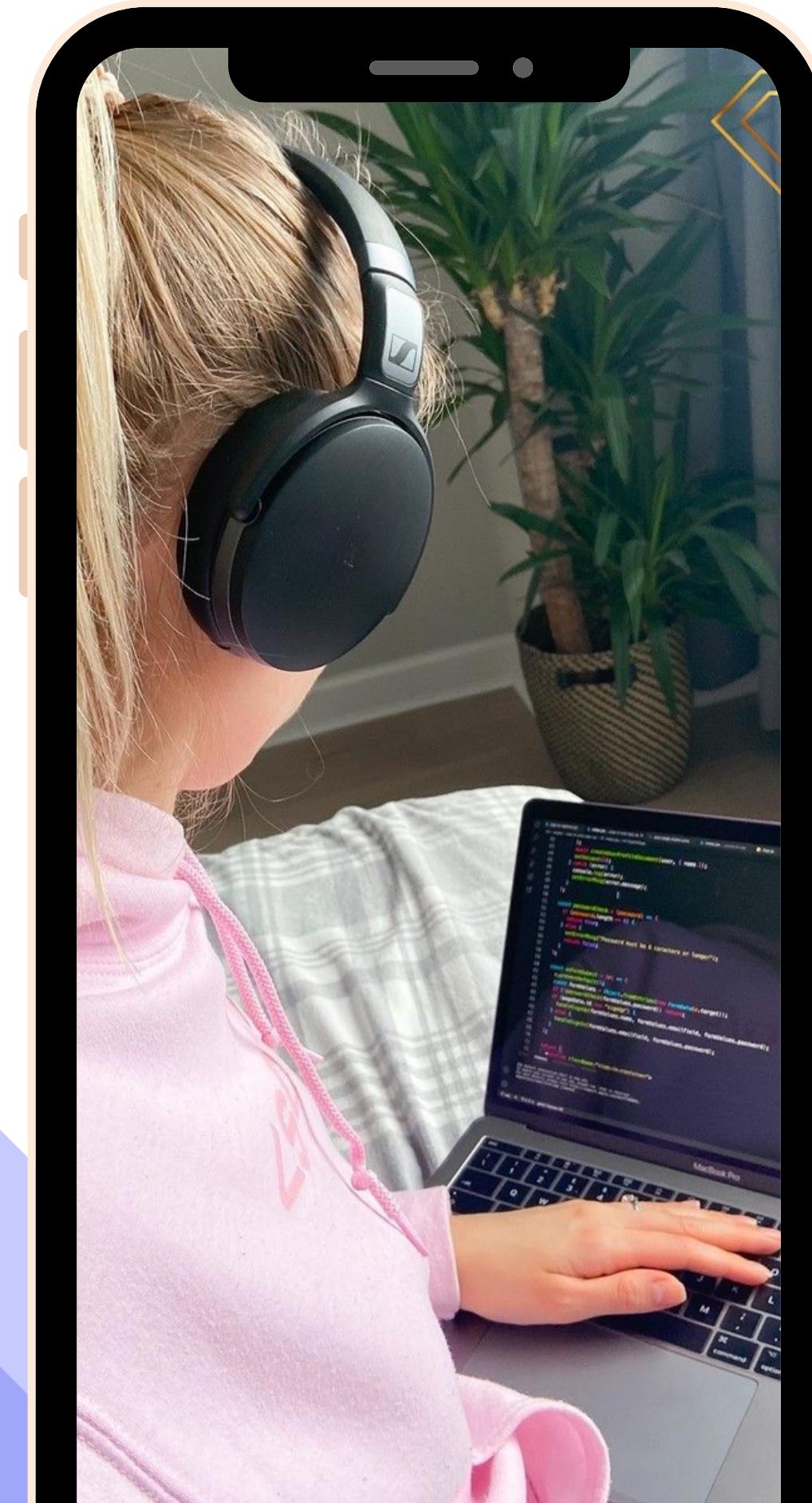
CodeTest

used to assess programming skills, but it is:

- UNSTABLE
- HAS SECURITY ISSUES
- HAS DOWNTIMES



**83% of respondents said they were extremely dissatisfied
with the existing university platform CodeTest**



The Solution

LEETFORCES PLATFORM

- User-friendly interface, visually appealing design, and seamless interaction
- Flexible features for educational institutions, students, professors, and self-guided individuals, with easy scalability
- Empowering users to improve coding skills and prepare for real-world challenges

Key components

Frontend

-
- Provides nice and neat interface for the end-user

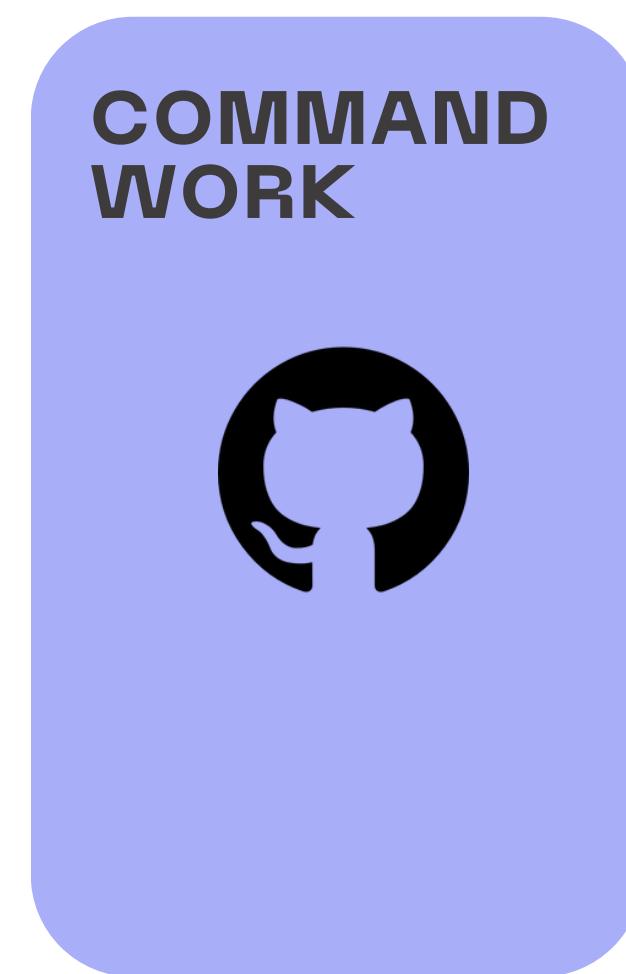
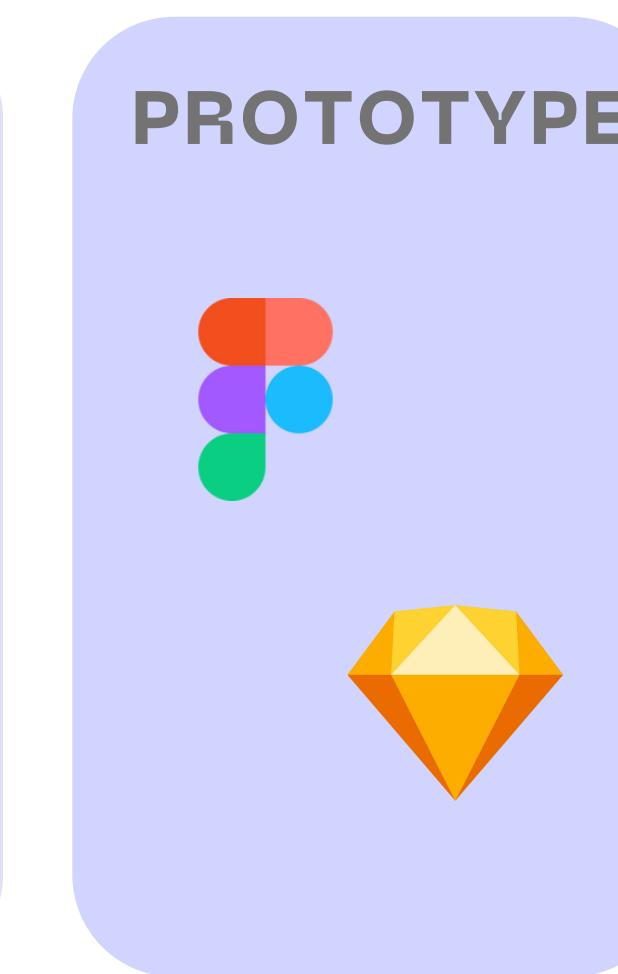
Orchestrator

-
- Acts as the manager of judging user submissions
 - Developed in-house due to the limitations of the eJudge solution
 - Provides the necessary isolation for each user submission

Juggler

-
- Serves as a mediator between services in our microservice architecture
 - Offers API for the seamless database judge system access

Tech Stack



StackOverflow,
GeekForGeeks, Medium

Figma, Sketch

Flutter, Dart, Grafana, Docker, Flask, Python, PosgreSQL, SQLAlchemy, NGINX, XMLRPC, Github actions CI/CD

Github project

Video Demo

LeetForces

Create task # ⌂

A + B

Time Limit	1 seconds
Memory Limit	256 megabytes

Problem

You need to add two integers A and B.

Input data

The single line of the input contains two space-separated natural numbers. The values of the numbers do not exceed 10^9 .

Output data

The only line of the output should be a single integer - the sum of the numbers A and B.

Examples

Input	Output
2 3	5
-2 1	-1

Upload solution

Python ▾

Choose File

No file selected

Submit

User	Id	Submission time	Status
vladdan	1	Wed, 12 Jul 2023 18:10:13 GMT	Checking...
vladdan	2	Wed, 12 Jul 2023 18:10:21 GMT	Checking...
vladdan	3	Wed, 12 Jul 2023 18:11:28 GMT	Checking...
vladdan	4	Wed, 12 Jul 2023 18:12:03 GMT	Checking...
vladdan	5	Thu, 13 Jul 2023 13:42:45 GMT	Checking...
vladdan	6	Thu, 13 Jul 2023 13:42:58 GMT	Checking...
vladdan	7	Fri, 14 Jul 2023 17:25:58 GMT	Checking...
vladdan	8	Fri, 14 Jul 2023 17:30:17 GMT	Checking...

Competitors

CodeForces

- Known for its competitive programming emphasis and international reach.
- Controlled by a 3rd party with their own rules and limitations.

LeetForces

- Provides necessary functionality and the ability to host judging systems by educational institutions.
- Bridges the gaps in the existing market by offering control and flexibility to users.

Informatics

- Extensive problem library.
- Controlled by a 3rd party with their own rules and limitations in the judge system.

This is our project

Roadmap

June 2023

- Defined project goals and requirements
- Developed core functionality

July 2023

- Collected user feedback for refinements
- Successfully launched MVP

December 2023

- Expand features
- Optimize the platform
- Prepare for official launch



Team



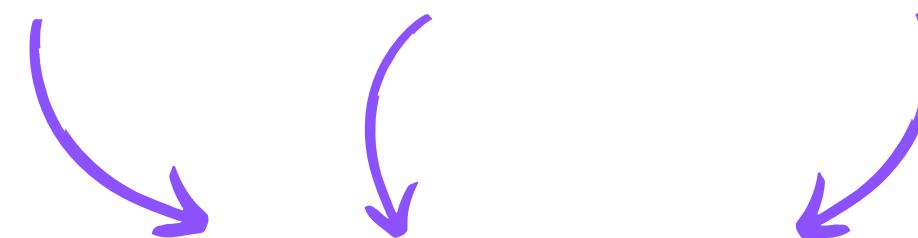
Backend developers

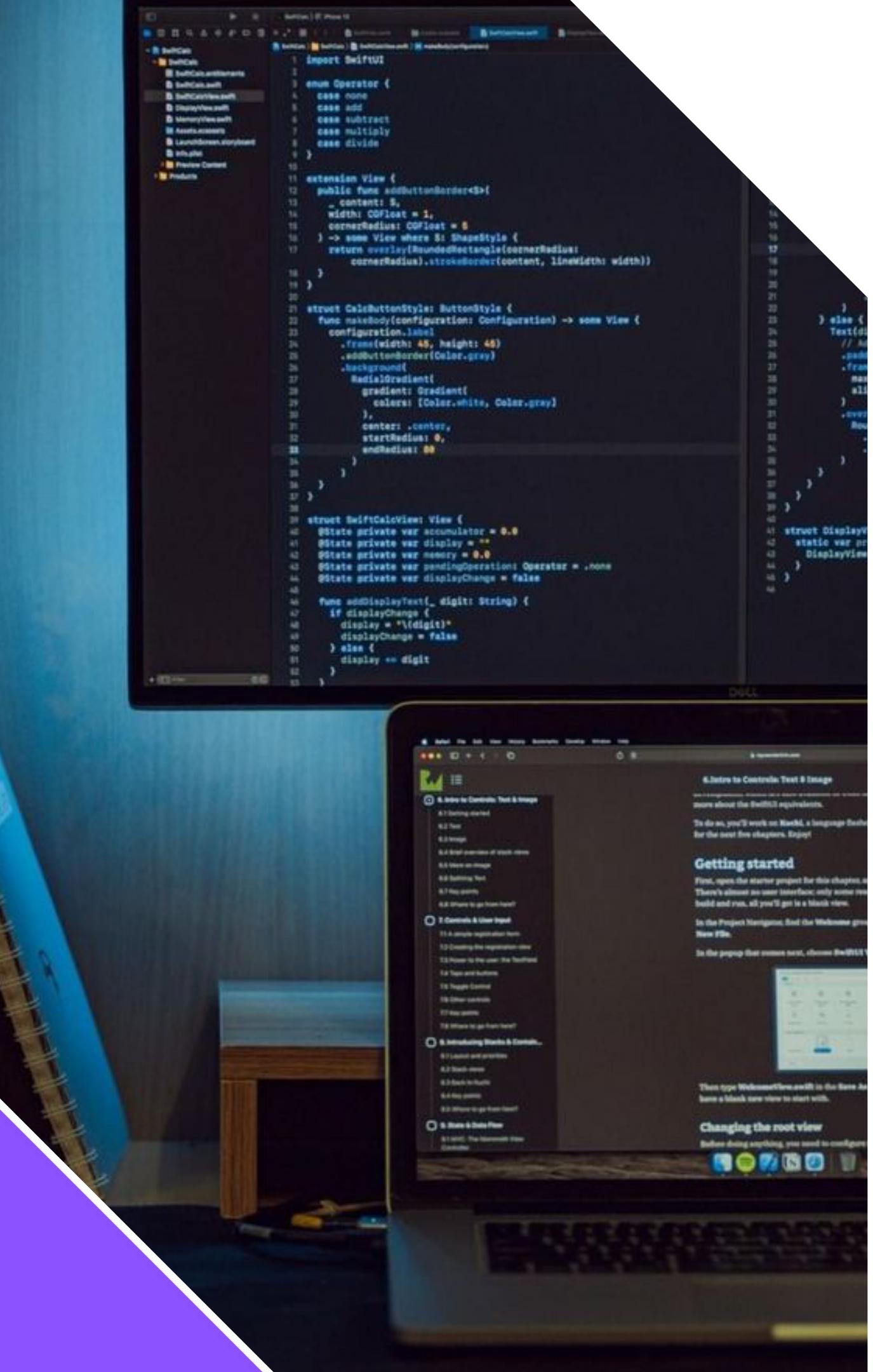


**Project manager &
UX/UI designer**



Frontend developers





Thank You

Because, we're here to help

For more information about LeetForces and innovative platform, please contact:

📍 Project manager

Elina Akimchenkova

📞 Telephone

+7-919-196-3789

✉️ Email

e.akimchenkova@innopolis.university