



Call for Code[®] Education Innovation Case Competition

*Bringing students together to design solutions that
make education a right, not a privilege.*

LearningRoad

11 November 2021



The **Problem** and the **Solution**

Problem

Even though **COVID-19** has led to the opportunity of an effective **e-learning**, its spread made it impossible to socialize and create a strong network between students, crucial aspect for a personal and educational growth

Solution

Worldwide access to a **learning platform** with study groups and a review-based Tutor system

LearningRoad provides **equitable** and **accessible** quality education for all where everyone can make personal **experiences** and **skills** available to others

Step 1 Empathize

- The **pandemic** has brought to the knees schools and universities preventing us from building strong relationships
- Following **online lectures** is an **advantage** for people unable to move from home



Step 2 Define



Who is going to use *LearningRoad* ?

Nirmala Minang is a 25-year-old student that lives with her daughter in a mountain town, called Montebelluna, pretty distant from her University.

She is looking for an online platform that will **help** her follow **lectures**, letting her participate to them, **meeting new people**, without having to be physically present in class.

She does not want to leave her **daughter** alone at home and, at the same time, renounce to a University education.

Step 3 **Ideate**

Creative and innovative solutions of *LearningRoad*

Join meetings

Share your ideas

Ask for help

Study in groups

Meet new people

from all over the world



Step 3 Ideate

Creative and innovative solutions of *LearningRoad*



Volunteering service with matchmaking

Select a problem or a subject from the menu
Send a request and ask questions to a peer
with the matchmaking function

Tutor levels

Host meetings to teach others what you love,
get scores and reviews

Step 3 **Ideate**

Creative and innovative solutions of *LearningRoad*

Notes

Lecture notes are freely [available](#) and [recommended](#) to users

Scanner

[Upload](#) your documents or images to the dedicated webpage or the meeting room



LearningRoad

**Follow the path
to education**

Study Now

Step 4 Prototype

Landing Page

Step 4 Prototype

Home Page

The screenshot shows the LearningRoad website interface. At the top, there is a navigation bar with the LearningRoad logo and links for Home, Groups, Notes, Tutors, Volunteering, and Support, along with a user profile icon. Below the navigation bar, the page is divided into three main sections: 'Your Courses', 'Suggested groups', and 'Programmed lessons'. The 'Your Courses' section features six course cards: Calculus 1, Chemistry, Java, Linear Algebra, Physics, and English. The 'Suggested groups' section displays three group cards for Calculus 1, Chemistry, and Physics, each with a 'Show more' button. The 'Programmed lessons' section shows three lesson cards for Calculus 1 and Physics, also with 'Show more' buttons.

LearningRoad Home Groups Notes Tutors Volunteering Support

Your Courses

- Calculus 1
- Chemistry
- Java
- Linear Algebra
- Physics
- English

Suggested groups

- Group: 5 members
Calculus 1
Limits, series, Sandwich theorem, Weierstrass theorem
- Group: 3 members
Chemistry
Atoms and molecules
- Group: 8 members
Physics
Newton's second law and exercises

[Show more](#)

Programmed lessons

- Monday 25 Oct - 16:30
Calculus 1
Integrals and Derivatives
Tutor: Adrienne Cullen
- Thursday 28 Oct - 11:30
Calculus 1
Exercises
Tutor: Adrienne Cullen
- Friday 29 Oct - 14:00
Physics
Exercises
Tutor: Elsie Bateman

[Show more](#)

Courses

Groups

Lessons and more

Step 4 Prototype Courses

The screenshot shows the LearningRoad website interface. At the top, there is a navigation bar with links for Home, Groups, Notes, Tutors, Volunteering, and Support. Below the navigation bar is a search bar and a category dropdown menu. The main content is divided into two sections: "Study groups" and "Teaching groups".

Study groups:

- Calculus 1:** Group of 3 members. Topics: Limits, series, Sandwich theorem, Weierstrass theorem. Price: €8.99.
- Physics:** Group of 4 members. Topic: Exercises on Gauss' Law. Price: €3.99.
- Linear Algebra:** Group of 2 members. Topic: Theory and exercises on Eigenvectors. Price: Free.

Teaching groups:

- Chemistry:** Tutor: Tahlia Hess. Topic: Organic Chemistry. Price: €8.99.
- Calculus 1:** Tutor: Youssef Dalton. Topic: Limits: Theory and Exercises. Price: €3.99.
- Chemistry:** Tutor: Tahlia Hess. Topic: Exercises. Price: Free.

Each group card includes a "Join" button and a "See all the groups" button.

Join meetings
and private lessons

Step 4 Prototype Tutors

The screenshot shows the LearningRoad website interface. At the top, there is a navigation bar with links for Home, Groups, Notes, Tutors, Volunteering, and Support, along with a user profile icon. Below the navigation bar, the page is titled "By your courses". There are six tutor profiles displayed in a 2x3 grid. Each profile includes a circular profile picture, the tutor's name, their subject expertise, a star rating, and their hourly rate. At the bottom of each profile are two buttons: "Meeting" and "Message".

Tutor Name	Subjects	Rating	Hourly Rate	Meeting	Message
Adrienne Cullen	Algebra, Calculus	★★★★☆	14,99€/hr	Meeting	Message
Elsie Bateman	Physics	★★★★☆	13,99€/hr	Meeting	Message
Yousaf Dalton	Computer Science	★★★★☆	8,99€/hr	Meeting	Message
Tahlia Hess	Algebra, Chemistry	★★★★★	19,99€/hr	Meeting	Message
Floyd Avalos	Calculus, Physics	★★★★☆	7,99€/hr	Meeting	Message
Sofia Page	English	★★★★☆	9,99€/hr	Meeting	Message

Choose the tutor
you prefer

Join a meeting
or send a private
message

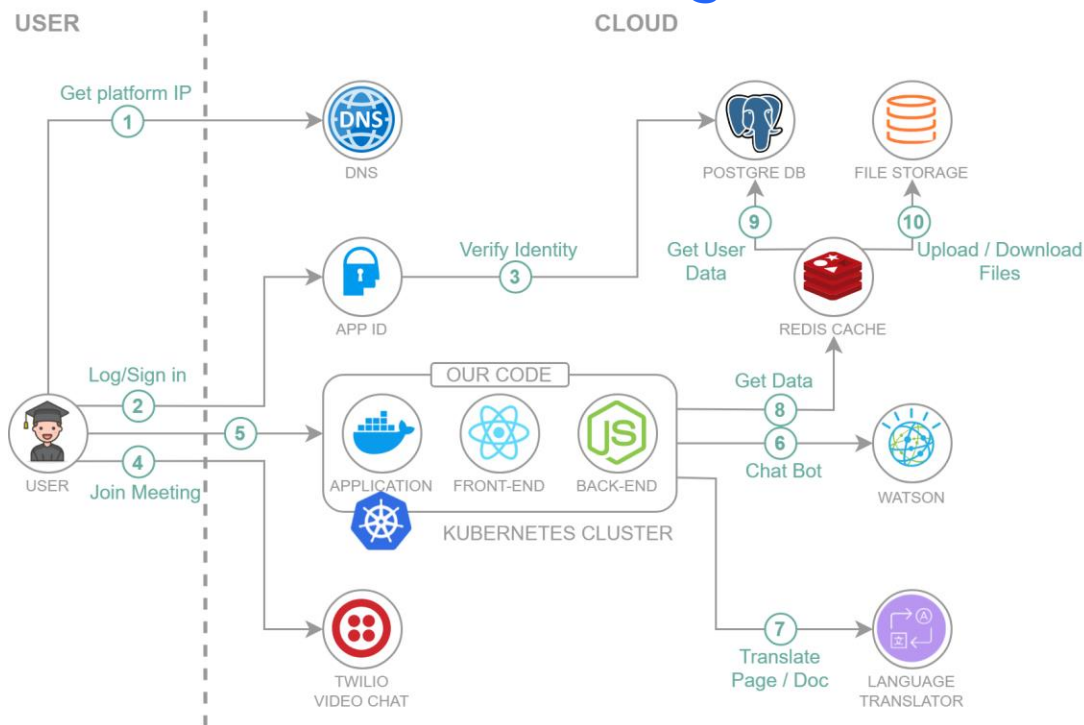
Step 5 Test

A/B tests, performed on users, with different sets of functionalities to understand what to improve

- **Goal** - get **feedback** from real users/customers to reach a MVP
- **Why** - testing the real product on real people is crucial to **understand insights** otherwise impossible to grasp



Solution Flow Diagram



The **Future** of the project

If the *Test Phase* will reach a positive outcome, we will:

- **Meet investors** with a working MVP and data showing how the platform is able to solve market needs
- **Scale the platform** to a global market with resources raised from investors
- **Hire** the best people for the job
- Individuate a possible **exit strategy** through an IPO or a M&A operation

The Team

Simone Dall'Ava
Designer



Denis Deronjic
Builder



Stefano Ivancich
Communicator



Marco Masiero
Humanitarian

