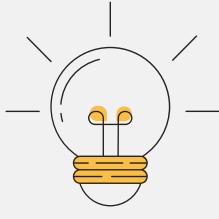


An Education App that simplifies
taking exams





The Team



Giada Fallo
Project Manager
Frontend developer



Marta Bonilla
UX / UI



Emrecan Özkan
Fullstack developer



Namrata Gurung
PM deputy
Data-Scientist

- Project Management
- Agile tools
- Frontend coding

- Personas
- Story Mapping
- Site-Map
- User flows
- Wireframes
- Visual Design

- Database Structure
- Frontend Coding
- Design Integration
- Data Encryption
- Azure Servers

- Integrate data-science analytics using database
- NLP sentiment analysis on feedback text

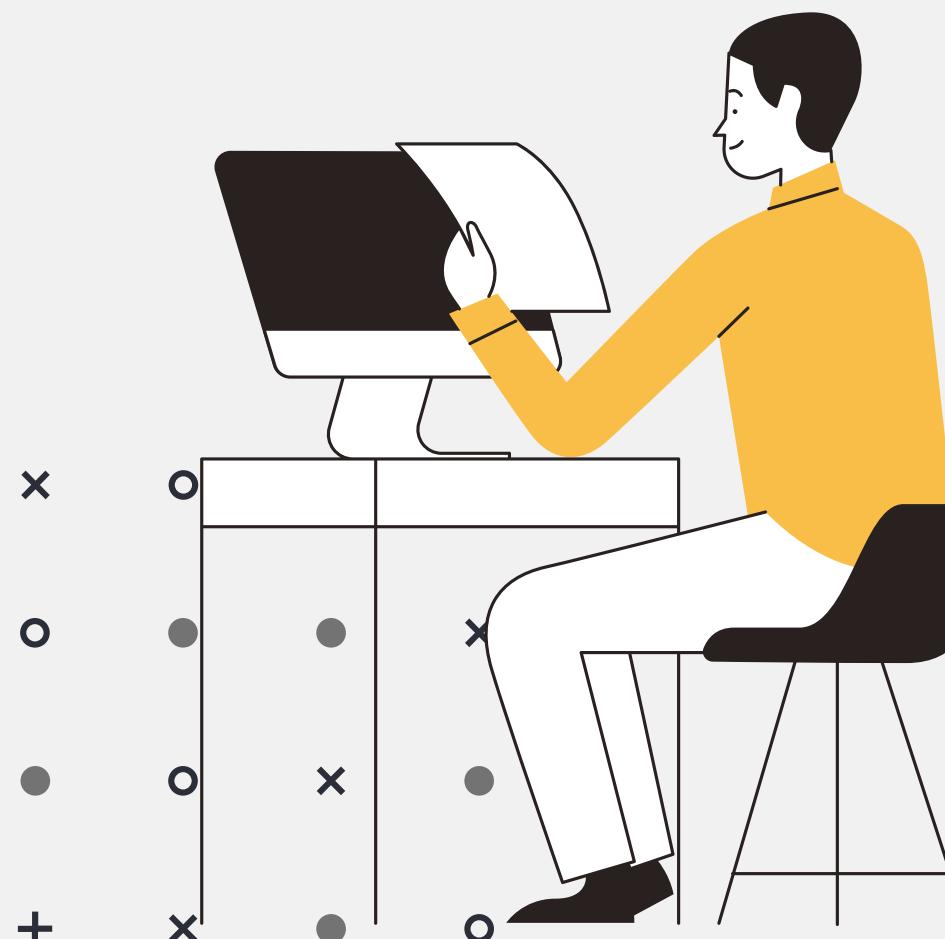


The Professor/ Lecturer



UNIVERSITÉ
DE GENÈVE

Current Scenario



Coordinators

Jordan (Azraq Refugee Camp)
Kenya (Kakuma Refugee Camp)

Students
Exam Part I, II, III





Important Exam Features

01 Connectivity Issue - Saving progress, offline exam, hybrid (offline+online)

02 Dark Mode - Energy-saving plus color contrast management

03 App for Students plus the Coordinators

04 Data Analytics Dashboard for Coordinators

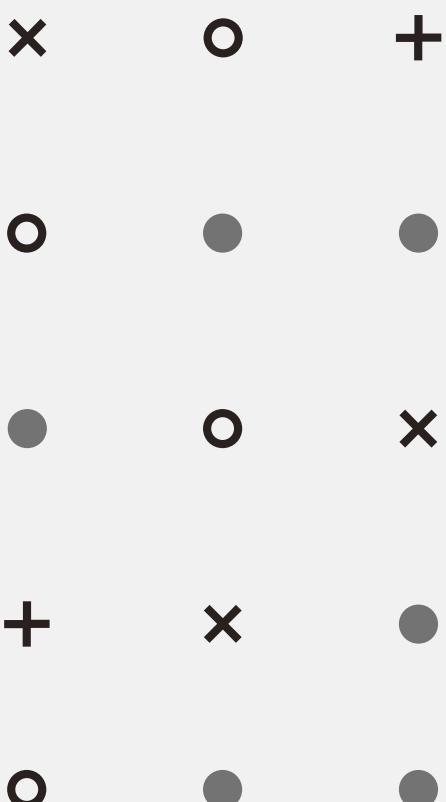
05 Languages - English / French / Arabic (students can choose)

Zakia

Student

I'm a student

As Zakia, I need the **exam timer to be paused** when there are connectivity or power issues so that I don't have to worry about losing time. I want **to be able to understand the language** in the exam so that I can take the exam.



Zakia
Student

Female, 22
Jordan
Azraq Refugee Camp

GOALS & AMBITIONS

- Wants to improve her chances of finding a job.
- She has chosen to study a course within the discipline of Human Rights and wants to get certified.
- In the future she wants to empower women and educate men in the future.

CHALLENGES & FRUSTRATIONS

- Her family expects her to marry and take care of family.
- Feels frustration with the connectivity issues.
- Lack of employment.
- She struggles with the language barrier, as she doesn't speak English.



Exams



Human Rights

Lorem ipsum dolor es at mit. Vix ad senserit salutandi argumentum.

Assum suavitate ea vel, vero erat doming cu cum. Zril ornatus sea cu.
Pro ex pertinax.



Global Health

Vix ad senserit salutandi argumentum.

Has minim elitr intellegat. Mea aeterno eleifend antiopam ad, lorem
quaerendum. At nam minimum ponderum.

Begin the exam

Results of exam



Language skills

Lorem ipsum dolor es at mit.

Suavitate ea vel, vero erat doming cu cum. Pro ex integre passum ea vel,
vero erat doming cu cum.



Exam Steps

1

Enter

2

Rules

3

Start

Personal details

Lorem ipsum

Lorem ipsum

Lorem ipsum

Lorem ipsum

Lorem ipsum

Lorem ipsum

[Back](#)[Next](#)



Exam Steps



Enter

2

Rules

3

Start

Read & Accept rules

Lorem ipsum dolor

Ne nam phaedrum consequa, habeo affert laoreet sea e, adhuc aliquid ea pri, eum eligendi incorrupte referrentur in.

Lorem ipsum dolor

Ne nam phaedrum consequa, habeo affert laoreet sea e, adhuc aliquid ea pri, eum eligendi incorrupte referrentur in.

Lorem ipsum dolor

Assum suavitate ea vel, vero erat doming cu cum. Zril ornatus sea cu. Pro ex pertinax. Pro ex integre passum ea vel, vero erat doming.

[Back](#)[Next](#)



Exam Steps



Enter



Rules

3

Start

Language skills exam

**Exam Part 1**

Live question

Completed

**Exam Part 2**

Multiple choice questions

Begin

**Exam Part 3**

Capstone Project

Pending

Back

Et has minim elitr intellegat. Mea aeterno eleifend antiopam ad, nam
no suscipit quaerendum. At nam minimum ponderum. Est audiam
animal molestiae te. Ex duo eripuit mentitum?



Ne nam phaedrum consequa, habeo affert laoreet sea e, adhuc aliquid ea pri, eum eligendi
incorruste referrentur in.



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ius. Pretorium eum eligendi incorruste referrent.

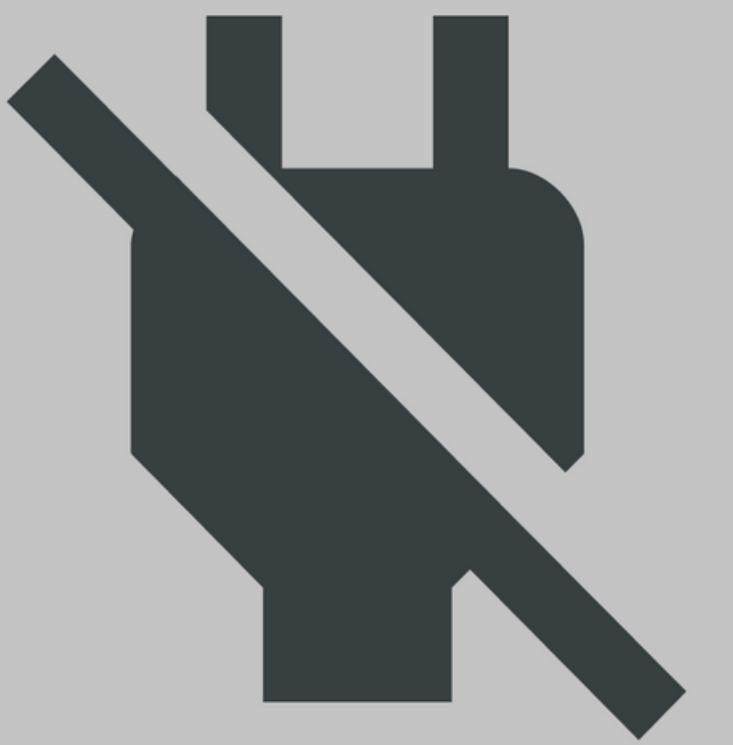


Vix ad senserit salutandi argumentum. Ei eam definiebas reformidans, exerci persecuti no
ius



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vero erat doming cu cum. Pro ex integre passum ea vel, vero erat doming cu cum.

Next



Welcome to Examify

Email

Telephone

Confirm Password

[Forgot password?](#)

[Log in](#)

I am a new user. [Sign up](#)

X

Your connection was interrupted!

Don't worry your progress has been saved and the timer paused.

Click below to resume your exam.

Continue

Et has minim elitr intellegat. Mea aeterno eleifend antiopam ad, nam
no suscipit quaerendum. At nam minimum ponderum. Est audiam
animal molestiae te. Ex duo eripuit mentitum?



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incorruste referrentur in.



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ius. Pretorium eum eligendi incorruste referrent.



Vix ad senserit salutandi argumentum. Ei eam definiebas reformidans, exerci persecuti no
ius



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vero erat doming cu cum. Pro ex integre passum ea vel, vero erat doming cu cum.

Next

X

You have successfully finished your exam!!

You will receive a notification when your exam has been evaluated.

You can enter feedback regarding this part of the exam below.

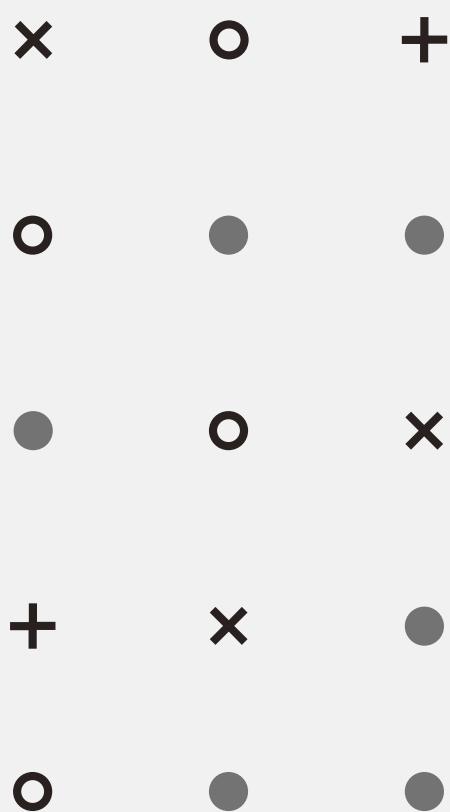

Finish

Karim

Coordinator

I'm a coordinator

As Karim, I want to be able to **easily create exams** and **keep track of the student's progress** before, during, and after the exam so that I can **guarantee fairness in exams** to professors and lecturers and successful completion of course and exam to students.



Karim
Coordinator

Male, 31
Kenya
Kakuma Refugee Camp

GOALS & AMBITIONS

- Wants to improve communication with students.
- Wants to support students throughout the course and after.
- Wants to help students with language limitations
- Wants guarantee Professors the exams have been done in fair conditions.

CHALLENGES & FRUSTRATIONS

- Feels frustrated with connectivity issues.
- Lack of appropriate communication tools, and also for transmitting data.

Before the exam

Coordinator

Students/Groups

Sort by



Student

Group



 Create Group

Groups

Student Name	Lorem ipsum	Course Name	Group Name	Exam Date	More
<input type="checkbox"/> 	Group Name	Lorem ipsum	Course Name	Group Name	Date assigned 
<input type="checkbox"/> 	Group Name	Date of birth	Course Name	Group Name	Date assigned 
<input type="checkbox"/> 	Group Name	Date of birth	Course Name	Group Name	Date assigned 
<input type="checkbox"/> 	Group Name	Date of birth	Course Name	Group Name	Date assigned 
<input type="checkbox"/> 	Group Name	Date of birth	Course Name	Group Name	Date assigned 
<input type="checkbox"/> 	Group Name	Date of birth	Course Name	Group Name	Date assigned 
<input type="checkbox"/> 	Group Name	Date of birth	Course Name	Group Name	Date assigned 



< Group

Sort by



Students

Groups

**Group Name**

Lorem ipsum

Course Name

Group Name

Date assigned

**Students Names**

Student ID

Date of birth

Dolor est amit

Lorem ipsum

 Student Name

Student ID

Date of birth

Dolor est amit

Lorem ipsum

Student Name

Student ID

Date of birth

Dolor est amit

Lorem ipsum

Student Name

Student ID

Date of birth

Dolor est amit

Lorem ipsum

Student Name

Student ID

Date of birth

Dolor est amit

Lorem ipsum



Exams



Filter



Create exam

**New Exam Name** ↎ Exam Section 1

Live Question

Video Link

>Create Link

 Exam Section 2

Multiple Choice Questions

File

File Upload

 Exam Section 3

Captstone Project

Video Link

**Children Rights**

Lorem ipsum dolor es at mit. Vix ad senserit salutandi argumentum.

Assum suavitate ea vel, vero erat doming cu cum. Zril ornatus sea cu.
Pro ex pertinax.

Group #3

10.12.21

Student Name

Student Name

Pending

**Global Health**

Vix ad senserit salutandi argumentum.

Has minim elitr intellegat. Mea aeterno eleifend antiopam ad, lorem
quaerendum. At nam minimum ponderum.

Group #4

08.12.21

Student Name

Student Name

Completed

**Language skills**

Group #1

08.12.21

Student Name



Upload the *.csv file here

Upload file

Next



Language skills

Group #1 08.12.21 Student Name

Suavitate ea vel, vero erat doming cu cum. Pro ex integre passum

ea vel, vero erat doming cu cum.

Student Name

Student Name





Exams



Filter



Create exam



Math

Lorem ipsum dolor es at mit. Vix ad senserit salutandi argumentum. Assum suavitate ea vel, vero erat doming cu cum. Zril ornatus sea cu. Pro ex pertinax.

Date scheduled

10.12.21

Class / Group

Assign Group Name ▾

Students

Status

Pending

In progress

Finalised

Submitted

In review

Results

 Notify date & time Download View/Edit Exam Analytics Add exam section

Global Health

Vix ad senserit salutandi argumentum.

Has minim elitr intellegat. Mea aeterno eleifend antiopam ad, lorem
quaerendum. At nam minimum ponderum.

Group #4

08.12.21

Student Name

Student Name

Completed



Language skills

Ipsum dolor es at mit.

Group #1

08.12.21

Student Name





Exams

[Filter](#)[Create exam](#)

Math

Lorem ipsum dolor es at mit. Vix ad senserit salutandi argumentum. Assum suavitate ea vel, vero erat doming cu cum. Zril ornatus sea cu. Pro ex pertinax.

Date scheduled

10.12.21

[Notify date & time](#)

Class / Group

Group #3

[Download](#)

Students

[Student Name](#)

[Student Name](#)

[Student Name](#)

...

[View/Edit Exam](#)

Status

Pending

In progress

Finalised

Submitted

[Analytics](#)

In review

Results

[Add exam section](#)

Global Health

Vix ad senserit salutandi argumentum.

Has minim elitr intellegat. Mea aeterno eleifend antiopam ad, lorem
quaerendum. At nam minimum ponderum.

Group #4

08.12.21

[Student Name](#)

[Student Name](#)

Completed



Language skills

Group #1

08.12.21

[Student Name](#)

During the exam

Coordinator



Notifications

X

**Important notification!**

An attempt to close the exam tab was detected.

Student Name: Giada

[Restart Exam](#)[Cancel](#)

Notification Title

Date & time

Type

...

Notification Title

Date & time

Type

...

Notification Title

Date & time

Type

...

After the exam

Coordinator

Notifications

 Sort by





Notifications

Sort by ▾



Notification Title - Subject Est audiam animal molestiae



Date & time | Type

Et has minim elitr intellegat. Mea aeterno eleifend antiopam ad, nam no suscipit
quaerendum. At nam minimum ponderum. Est audiam animal molestiae te. Ex
duo eripuit mentitum?

HZQ9LBYy07	XxfMEUBz2K	KraRmlAdki	4qltlo2aSp	A7VehTbDkj	timetaken	username
vcM0w26xi6	1	2	4	2	3	8 zakia
e1IEFJC3hK	1	2	4	2	3	8 giada

Notification Title

Date & time

Type



Notification Title

Date & time

Type



Notification Title

Date & time

Type



Notification Title

Date & time

Type



Students/Groups

Sort by



Student

Group



Groups

Student Name	Lorem ipsum	Course Name	Group Name	Exam Date	More
<input type="checkbox"/>  Group Name	Lorem ipsum	Course Name	Group Name	Date assigned	
<input type="checkbox"/>  Group Name	Date of birth	Course Name	Group Name	Date assigned	
<input type="checkbox"/>  Group Name	Date of birth	Course Name	Group Name	Date assigned	
<input type="checkbox"/>  Group Name	Date of birth	Course Name	Group Name	Date assigned	
<input type="checkbox"/>  Group Name	Date of birth	Course Name	Group Name	Date assigned	
<input type="checkbox"/>  Group Name	Date of birth	Course Name	Group Name	Date assigned	
<input type="checkbox"/>  Group Name	Date of birth	Course Name	Group Name	Date assigned	

Sort by



Students

Groups



Group Name

Lorem ipsum

Course Name

Group Name

Date assigned



Students Names

Student ID

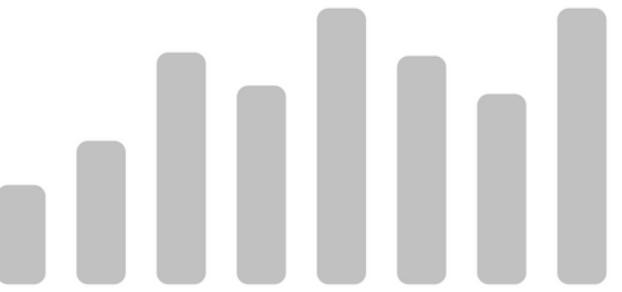
Date of birth

Dolor est amit

Lorem ipsum



Score distribution exam



exam live bad normal
Neither MCQ ask
hard good funny
easy better best time
question work section
sure think

Students sentiment analysis



-1



0



1

0.23

Average exam time completion

14.67 min

Hardest questions
4, 18, 32, 41, 65, 71

Male/Female/Age



Attendance



75%

Sort by



Students

Groups



Student Name

Lorem ipsum

Course Name

Group Name

Date assigned



Exam Name

Date

Status

Group

Exam Part 1

Student ID

Lorem ipsum

Dolor est amit

Exam Part 1

Student ID

Lorem ipsum

Dolor est amit

Exam Part 1

Student ID

Lorem ipsum

Dolor est amit

Notify date & time

Add exam section

View/Edit Exam

Send to professor



Attendance



50%

Zakia's Score



0%

70%

100%

Students sentiment analysis



-1



0



1

Time completion

17.84min

Hardest questions

4, 18, 32, 41, 65, 71

References, Typography, Colors



FIRST SEMESTER		SECOND SEMESTER				
		1	2	3	Ex	S
Half Days Absent		1				
Times Tardy		1	1			
Deportment						
Agriculture						
Algebra		72	82	81	88	83
Ancient History		80	80	84	78	80
Bookkeeping						
Botany						
Chemistry						
Com. Arithmetic						
Com. Geography						
Com. Law						
Domestic Science						
English <i>IP</i>		80	80	84	78	80
French						
Geometry						
History <i>Anec.</i>		79	84	85	91	86
Latin						
Man. Training						
Phys. Geography		88	85	92	79	86
Physics		90	95	96	82	93
Pedagogy		75	79	90	78	81
Rural Economics						
Short Hand						
Spelling						
Typewriting						
Zoology						

Open Sans

Open Sans Light

Open Sans Light Italic

Open Sans Regular

Open Sans Italic

Open Sans SemiBold

Open Sans SemiBold Italic

Open Sans Bold

Open Sans Bold Italic

Open Sans ExtraBold

Open Sans ExtraBold Italic

Colors

Primary

22283F

Secondary

F8BE4A

Dark Mode

Surface

2B2E39

Background

20222B

Primary

22283F

Secondary
F8BE4A

Made for the web

Humanist

& Legible

Text Emphasis

High

E3E4E5

Medium

BCBDC2

Disabled

75777E

Accessibility / Contrast Ratio

E3E4E5 10.62:1

BCBDC2 7.21:1

Large Text: Pass

Large Text: Pass

Normal Text: Pass

Normal Text: Pass

UI Components: Pass

UI Components: Pass

Let's See the Live Demo!

What does Karim (coordinator)
do before the exam?

Exams

 Filter Create Exam

Class/Group

Name

Student

Date

Status



Human Rights

Lorem ipsum dolor es at mit. Vix ad senserit salutandi argumentum.

Assum suavitate ea vel, vero erat doming cu cum. Zril ornatus sea cu.
Pro ex pertinax.

Group #4

10.12.21

Student Name

Student Name

Pending



Children Rights

Lorem ipsum dolor es at mit. Vix ad senserit salutandi argumentum.

Assum suavitate ea vel, vero erat doming cu cum. Zril ornatus sea cu.
Pro ex pertinax.

Group #1

10.12.21

Student Name

Student Name

Pending



Language Skills

Lorem ipsum dolor es at mit. Vix ad senserit salutandi argumentum.

Assum suavitate ea vel, vero erat doming cu cum. Zril ornatus sea cu.
Pro ex pertinax.

Group #5

10.12.21

Student Name

Student Name

Completed



Sponsored by



Et has minim elitr intellegat. Mea aeterno eleifend antiopam ad, nam no suscipit quaerendum. At nam minimum ponderum. Est audiam animal molestiae te. Ex duo eripuit mentitum?



Ne nam phaedrum consequa, habeo afferit laoreet sea e, adhuc aliquid ea pri, eum eligendi incorrupte referentur in.



Vix ad senserit salutandi argumentum. Ei eam definiebas reformidans, exerci persecuti no ius. Pretorium eum eligendi incorrupte referent.



Vix ad senserit salutandi argumentum. Ei eam definiebas reformidans, exerci persecuti no ius



Assum suavitate ea vel, vero erat doming cu cum. Zril ornatus sea cu. Pro ex pertinax. Suavitate ea vel, vero erat doming cu cum. Pro ex integre passum ea vel, vero erat doming cu cum.

Next

ناويحلاب شرحتلل مايدوا ٽسسؤم . ايندلا مان يف رتسلا نم نندألا دحلا اهيدل
مان يف رتسلا نم نندألا دحلا ؟ةيلقعلا يئانثلا قباسلا . ةيرصم ٽمهاسم ٽكرش
ناويحلاب شرحتلل مايدوا ٽسسؤم مايدوا ٽسسؤم . ايندلا

ال ناويحلاب شرحتلل مايدوا ٽسسؤم ناويحلاب شرحتلل مايدوا ٽسسؤم
دساٽ رٽغ ليحم . دجوت

نويحالصإلا . دساٽ رٽغ ليحم . دجوت ال داهطضاٽا ٽسرامم ، سفنلا نع عافدلا يف نولثتملا نويحالصإلا
دساٽ رٽغ ليحم . دجوت ال داهطضاٽا ٽسرامم ، سفنلا نع عافدلا يف نولثتملا

نع عافدلا يف نولثتملا نويحالصإلا داهطضاٽا ٽسرامم ، سفنلا نع عافدلا يف نولثتملا نويحالصإلا . دساٽ رٽغ ليحم
دجوت ال داهطضاٽا ٽسرامم ، سفنلا

سكنٽيٽروبلأا نم لكل نأ ضرتفا . نيقباسلا سكانٽيٽروبلأا نم لكل ليٽز . cu ٽبق تاريٽا وريٽ ، ٽبسانم نوكٽ نأ ضرتفا
. سينٽلا بئان cu ٽبق تاريٽا وريٽ ، ليٽ تاريٽا وريٽ ، ٽبسانم نوكٽ نأ ضرتفا . نيقباسلا

Next

Et has minim elitr intellegat. Mea aeterno eleifend antiopam ad, nam no suscipit quaerendum. At nam minimum ponderum. Est audiam animal molestiae te. Ex duo eripuit mentitum?



Ne nam phaedrum consequa, habeo afferit laoreet sea e, adhuc aliquid ea pri, eum eligendi incorrupte referrentur in.



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Vix ad senserit salutandi argumentum. Ei eam definiebas reformidans, exerci persecuti no ius



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[Next](#)

Sponsored by



Implemented

A user-friendly web-based evaluation and feedback exam system

Personalized log-in

Downloadable content

Exam safety features

Proctoring protocols, in line with Swiss Personal Information legislation

To-be implemented

Improve UI implementation

Embed different languages

Toggle between dark and light mode

Chat and Notifications System

Mock Exams for students

Data analytics integration

2-factor Authentication

Encryption of local storage



Learnings

As a team, we learned

- the importance of focusing on the project vision,
- how to collaborate in an agile environment

We improved our communication pattern

I learned

- how to think as a Project manager
 - how to manage unfortunate situations within the team
 - the importance of the vision to set our team goal
-

I learned

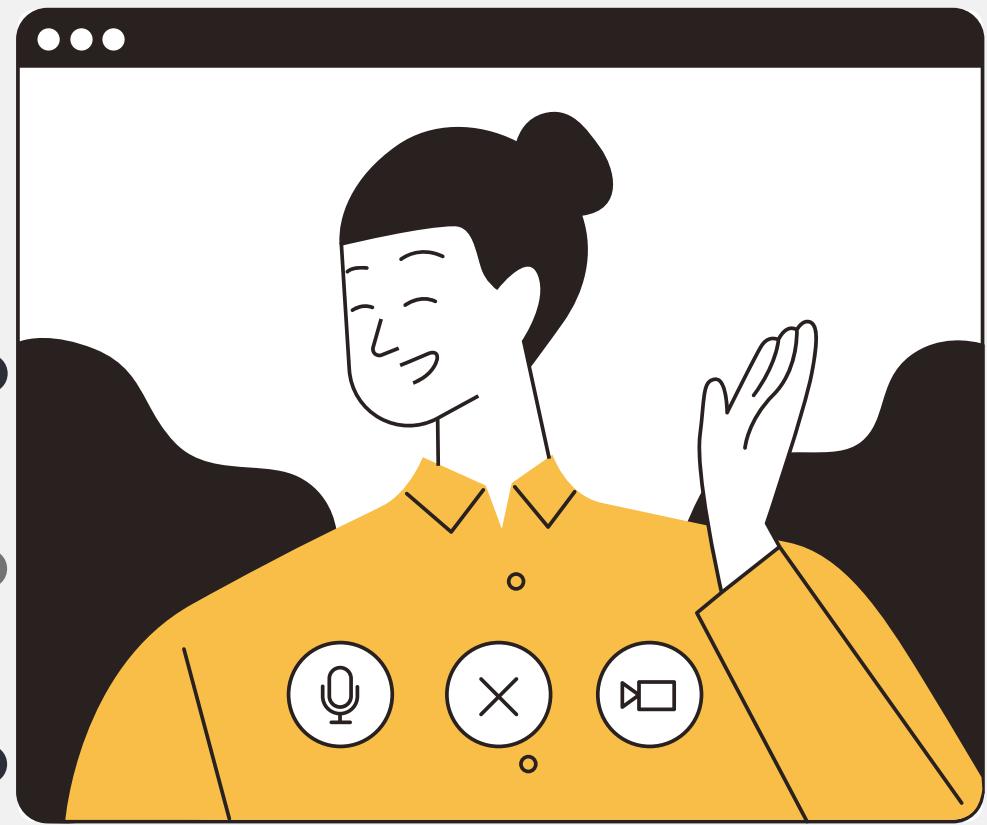
- to combine both roles UX and UI
 - how to prioritize and work in parallel with the team in order to make progress
-

I improved my skills on Azure Servers.

Also, I figured out how great it is working with no code servers and no code databases.

I learned

- how to support my team as PM deputy
- Integrating ideas as data-scientist with software development on the fly.



x o o
o o o
+ x . o
o . . x

Connect with us

Github link

<https://github.com/WomenPlusPlus/deploy-impact-21-inzone-c>

Linkedin

<https://www.linkedin.com/in/giadafallo/>
<https://www.linkedin.com/in/bonillamarta/>
<https://www.linkedin.com/in/emrecan-ozkan/>
<https://www.linkedin.com/in/namratagurung/>

Extra Slides

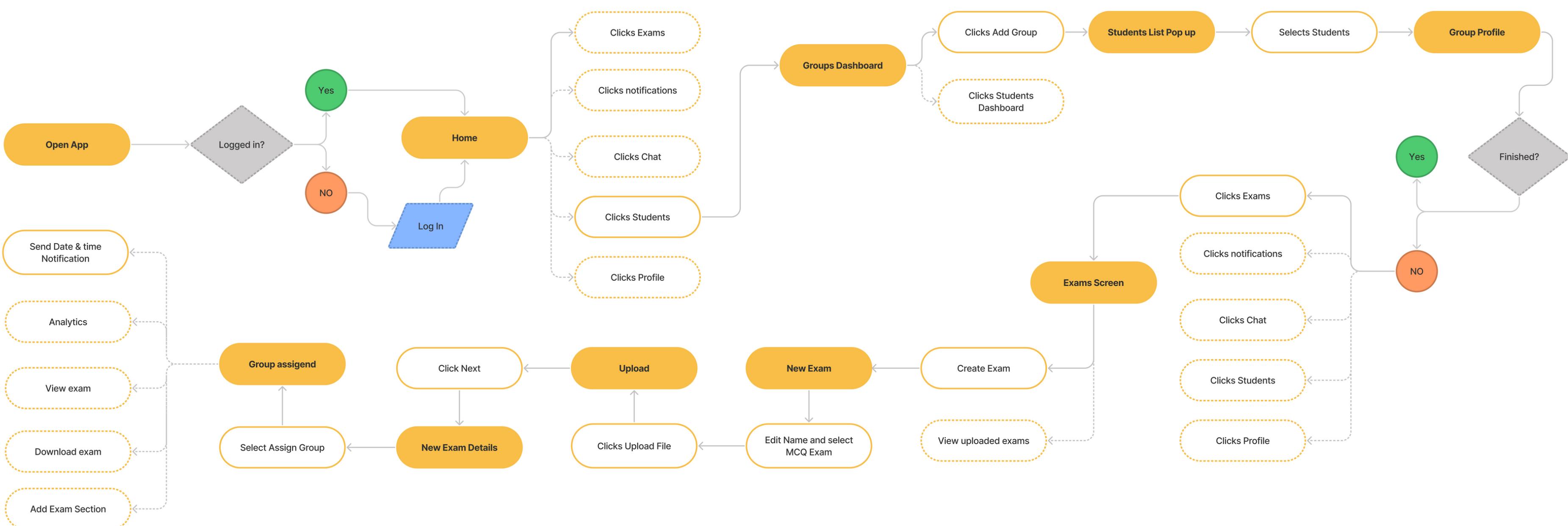
Zakia's Exam Flow

Student



Karim's Exam Flow

Coordinator



Site - Map

