



Examify

UX/UI Dossier

Stakeholder interview

60% of the students are women (Jordan)
(and a future within the household)

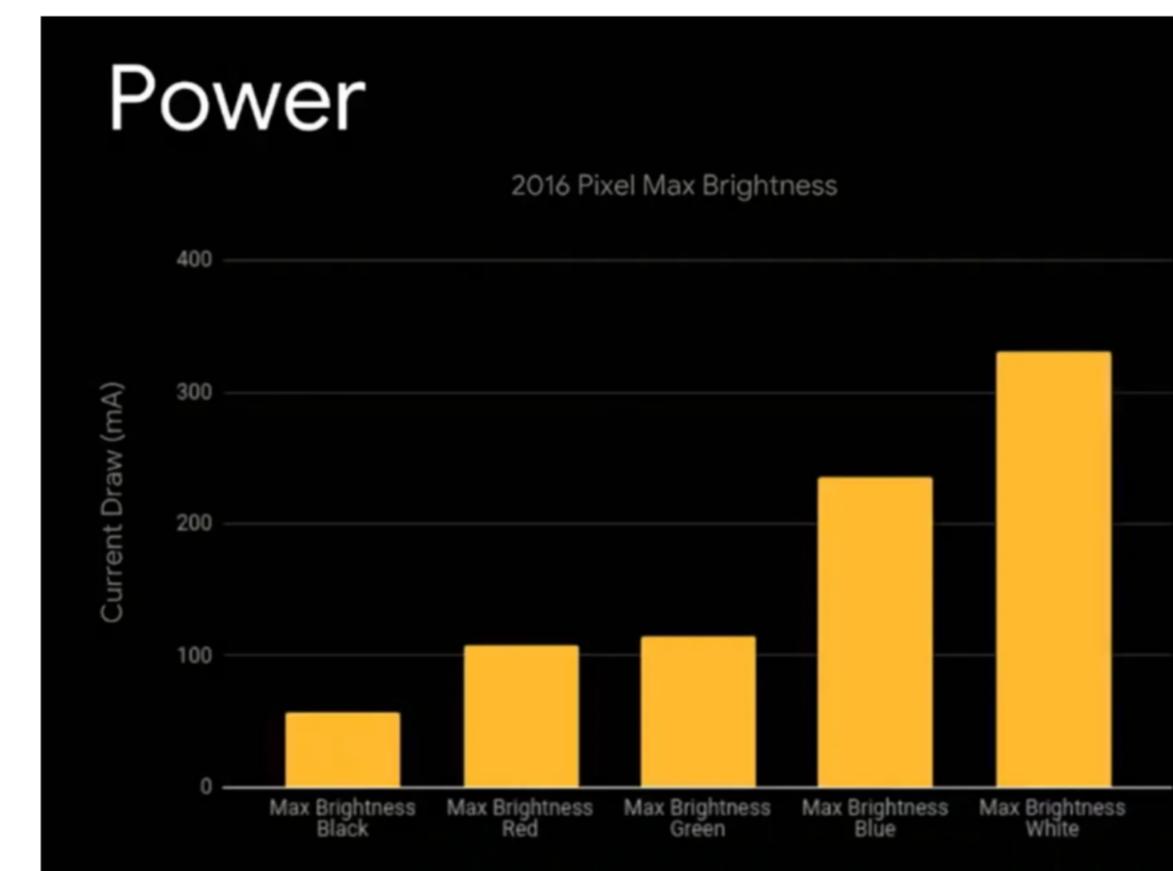
25% of the students dropout.
Of which 80% are women.

70% of the students have a job (little free time, study at night)

Battery consumption & Dark mode

<https://www.slashgear.com/googles-big-android-battery-oops-and-future-dark-modes-08553037/>

<https://uxdesign.cc/white-on-black-or-black-on-white-the-pros-and-cons-of-dark-mode-3439e37d6c6c>

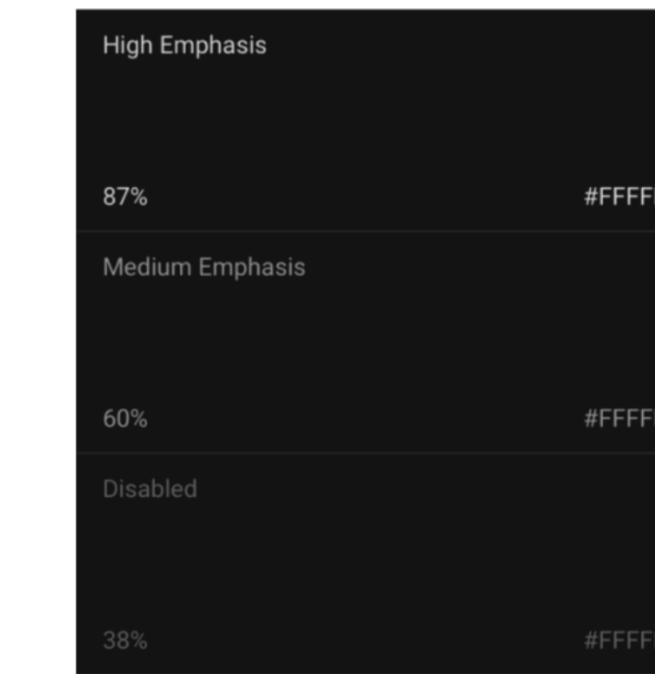


The chart shows the major differences between max brightness with a color like black (which has barely any power draw) and white (which has the most power draw of all.) As white uses all the display's various components to shine, it uses the most power.

Legibility & Dark mode

<https://codelabs.developers.google.com/codelabs/design-material-darktheme/index.html?index=..%2F..index#4>

<https://aisel.aisnet.org/cgi/viewcontent.cgi?referer=https://www.google.com/&httpsredir=1&article=1743&context=amcis2003>



High priority text isn't pure white because, as discussed in step 5, #FFFFFF—a bright color—would visually "vibrate" against our dark backgrounds. Additionally, pure #FFFFFF text against a dark background can harm legibility since the light from that text appears to bleed or blur against the dark background.



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

FIRST SEMESTER							SECOND SEMESTER						
REPORTS	1	2	3	Ex	S	REPORTS	4	5	6	Ex	S		
Half Days Absent	1					Half Days Absent	2						
Times Tardy	1	1				Times Tardy	2	2	1				
Deportment						Deportment							
Agriculture						Agriculture							
Algebra						Algebra							
Ancient History	82	82	81	88	83	Ancient History							
Bookkeeping						Bookkeeping							
Botany						Botany							
Chemistry						Chemistry							
Com. Arithmetic						Com. Arithmetic							
Com. Geography						Com. Geography							
Com. Law						Com. Law							
Domestic Science						Domestic Science							
English	80	80	84	78	80	English	82	88	90	80	85		
French						French							
Geometry						Geometry							
History	84	84	89	91	86	History	87	89	90	88	91		
Latin						Latin							
Man. Training						Man. Training							
Phys. Geography						Phys. Geography							
Physics	88	85	92	79	86	Physics	90	95	96	84	93		
Pedagogy	75	79	94	76	81	Pedagogy	92	90	90	84	91		
Rural Economics						Rural Economics	92	90	92	84	91		
Short Hand						Short Hand							
Spelling						Spelling							
Typewriting						Typewriting							
Zoology	90	92	93	93	93	Zoology	91	92	92	84	90		

Colors

Primary Secondary

22283F

Surface Background

F8BE4A

2B2E39 20222B

Primary

22283F

Secondary

F8BE4A



Made for the web

Humanist & Legible

Text Emphasis

High	Medium	Disabled
		
E3E4E5	BCBDC2	75777E



Accessibility / Contrast Ratio

E3E4E5	10.62:1	BCBDC2	7.21:1
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Large Text: Pass

Large Text: Pass

Normal Text: Pass

Normal Text: Pass

UI Components: Pass

UI Components: Pass



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.

"As Karim, I want to be able to avoid cheating situations in the exams so that I can guarantee Professors the exams have been done in fair conditions."



Zakia Student

Female, 22
Jordan
Azraq Refugee Camp

GOALS & AMBITIONS

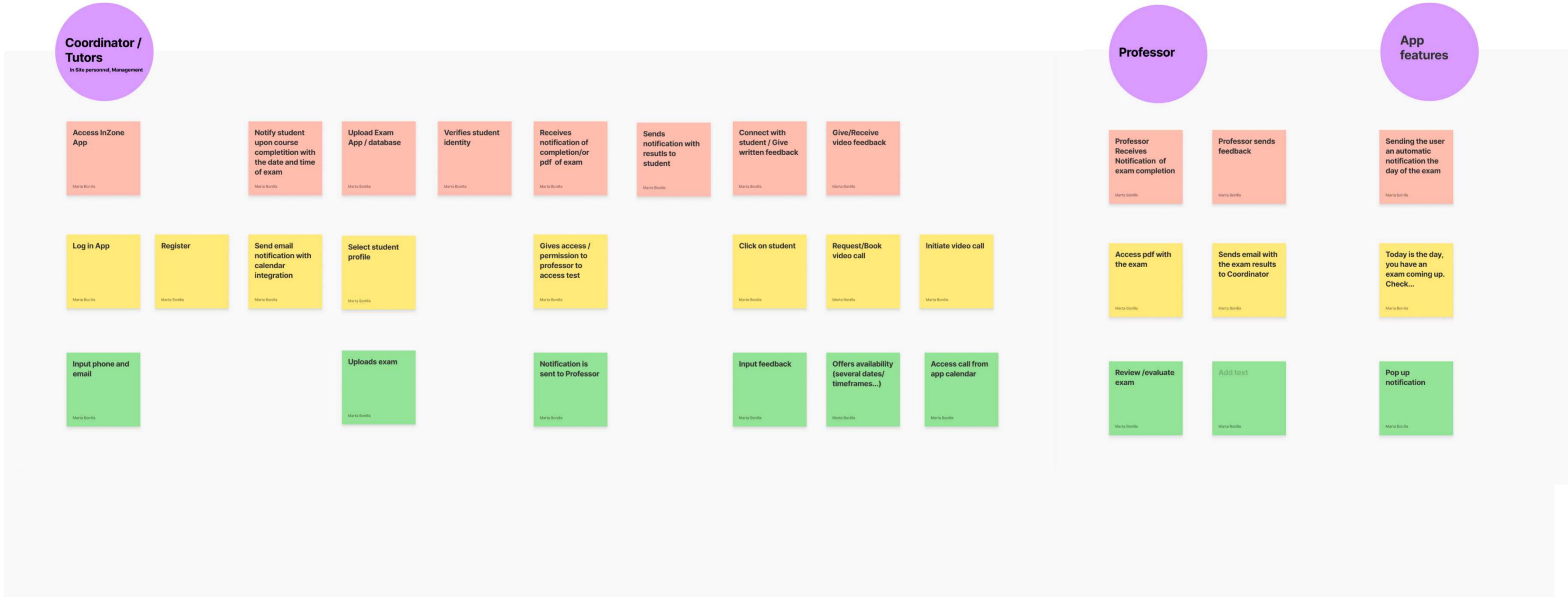
- Wants to improve her chances of finding a job.
- She has chosen to study a course within the discipline of Human Rights and wants to get certified.
- In the future she wants to empower women and educate men in the future.

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.

"As Zakia, I need the time exam to be paused when there are connectivity or power issues so that I don't have to worry about losing time."

Storymapping



Storymapping



Read from top to bottom

1
Marta Bonilla

Access InZone App
Marta Bonilla

Click Notification icon
Marta Bonilla

Take the online exam
Marta Bonilla

Receives Exam Results
Marta Bonilla

Select language
Marta Bonilla

Give written feedback
Marta Bonilla

Give/Receive video feedback
Marta Bonilla

2
Marta Bonilla

Log in to the App
Marta Bonilla

Register
Marta Bonilla

View notification
Marta Bonilla

Click Exam button / tab or Click Exam access message
Marta Bonilla

Identy check
Giada Fallo

Video exam starts
Marta Bonilla

MCQ Test exam starts
Giada Fallo

Saving Type exam progress (connectivity failure)
Marta Bonilla

Receive / Read Notification
Marta Bonilla

Click on Chat button (in case there is only just one course/professor)
Marta Bonilla

Request/Book video call
Marta Bonilla

Initiate video call
Marta Bonilla

3
Marta Bonilla

Enter email or telephone number and password
Marta Bonilla

Enter name & last name, email, password
Marta Bonilla

Reads message with details (Date and time of the exam)
Marta Bonilla

Clicks on exam button
Marta Bonilla

Verify student identity - Biometric identification
Marta Bonilla

A different app opens (Zoom/jitsi)
Giada Fallo

A different page opens (rules, timing...)
Giada Fallo

Receives notification with access link to continue exam
Marta Bonilla

Input feedback
Marta Bonilla

Select date according to professor's availability
Marta Bonilla

Access call from app calendar
Marta Bonilla

Log in to the App
Marta Bonilla

As Zakia, I need to log in to the app so that I can use the InZone app.

Acceptance criteria:

- Student email is needed
- Student password is needed

Register in the App
Marta Bonilla

As Zakia, I need to register so that I can log in to the app

Acceptance criteria:

- Name & Last Name
- Email
- Phone number
- Password

Identity check
Giada Fallo

As Zakia, I need to verify my identity so that I can start my exam

Acceptance criteria:

- Student is logged in
- Student has clicked on the exam tab/notification link
- Student proceed with the identification step
- Student can start the exam

Save exam progress / Pause timer
Giada Fallo

As Zakia, I need the time exam to be paused when there are connectivity or power issues so that I don't have to worry about losing time.

Type exam starts
Giada Fallo

As Zakia, I need to restore the exam session after a connectivity failure so that I can complete the exam

Acceptance criteria:

- Student is logged in
- Student see a new notification
- Student can restart the exam session from the notification link/button
- The exam session will restart from the point the student left, the timer will continue from where it was
- Student can continue answering questions filling the form (dynamic/static) - each answer is saved
- Student can submit the exam (both if the time is up or not)

View notification
Marta Bonilla

As Zakia, I want to read the notifications so that I can read grades, I can know my exam date

Acceptance criteria:

- Student is logged in
- Student can see a change in the notification icon (popup)
- Student can click on the notification icon
- Student can read all the notifications and marks them as read

Click Online Exam button / tab or Click Exam access message
Giada Fallo

As Zakia, I need to click on the exam button so that I can be identified

Acceptance criteria:

- Student is logged in
- Student has a scheduled exam
- Student can click on the exam tab/notification link
- Student identity has been verified
- Student can proceed to the identity check

Video exam starts
Giada Fallo

As Zakia, I need to answer questions so that I can complete the exam

Acceptance criteria:

- Student is logged in
- Student has clicked on the exam tab/notification link
- Student identity has been verified
- Student can start the zoom/jitsi session
- Student can interact with the professor

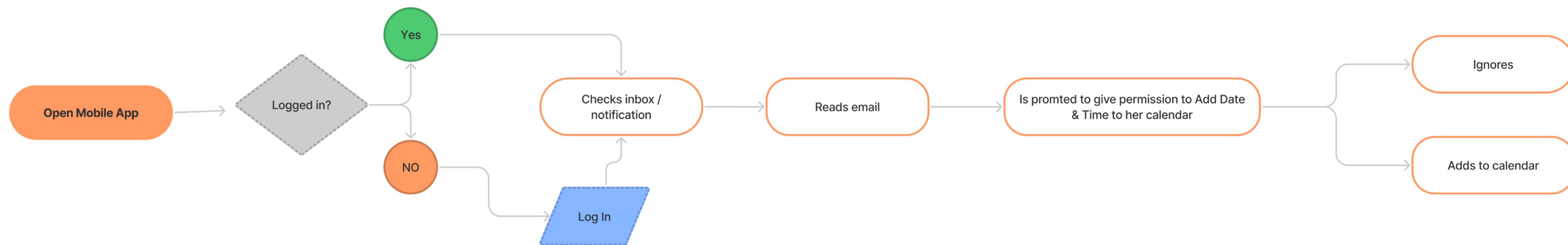
As Zakia, I need to answer questions so that I can complete the exam

Acceptance criteria:

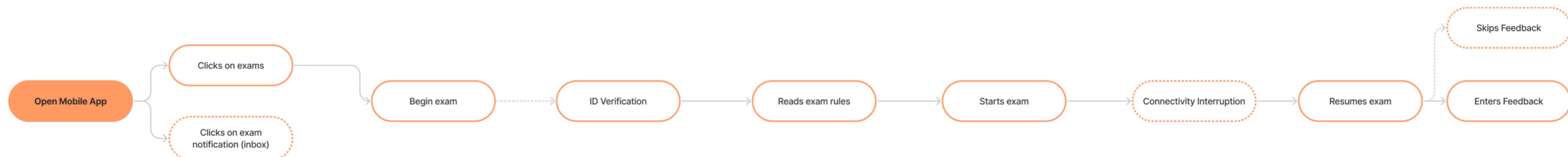
- Student is logged in
- Student has clicked on the exam tab/notification link
- Student identity has been verified
- Student can read the rules for the exam and click on 'next' or 'continue'
- The timer starts
- Student can start answering questions filling the form (dynamic/static) - each answer is saved
- Student can see the progression of their answers
- Student can not go back to entered answers
- Student can submit the exam (both if the time is up or not)

Zakia's Flows

Zakia has completed her course and is expecting a notification or message with the date and time of the exam



As Zakia, I need the time exam to be paused when there are connectivity or power issues so that I don't have to worry about losing time.

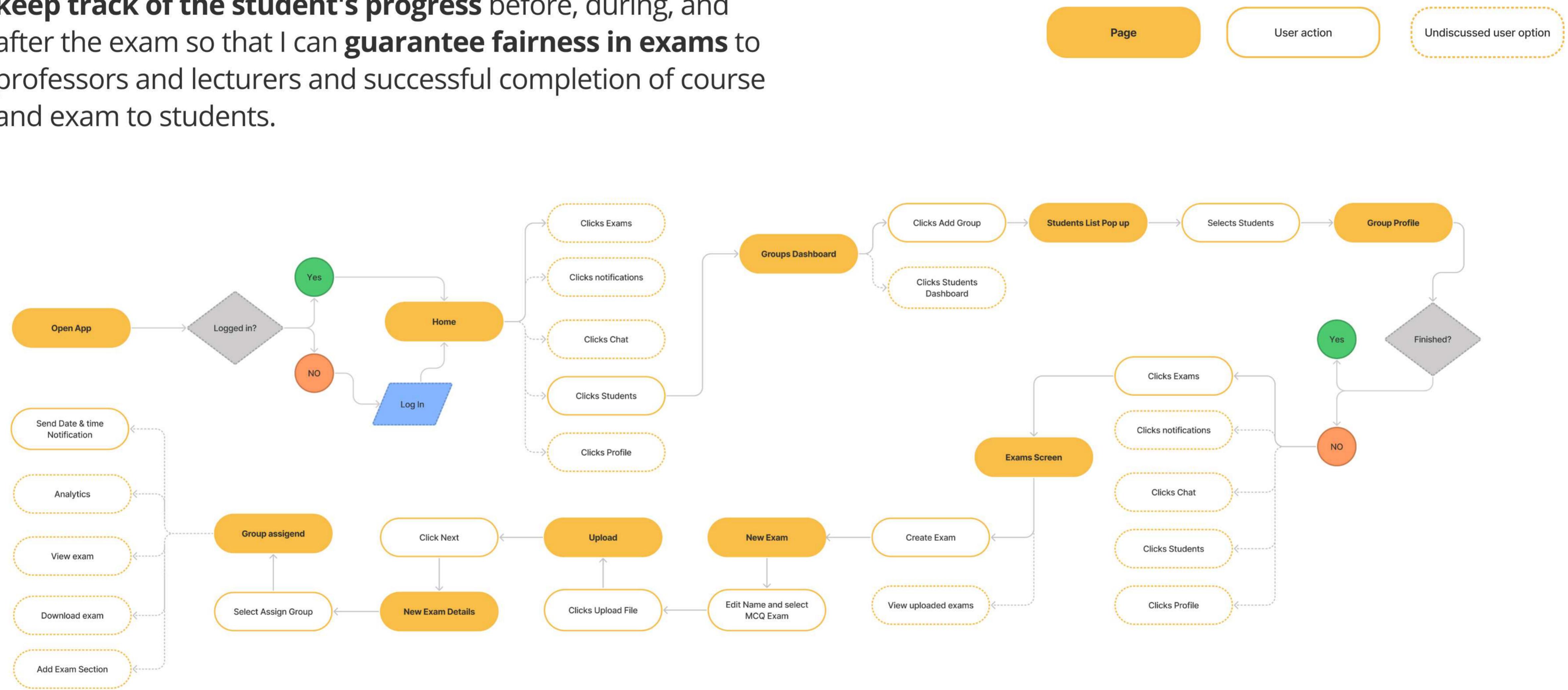


Zakia's Exam Flow

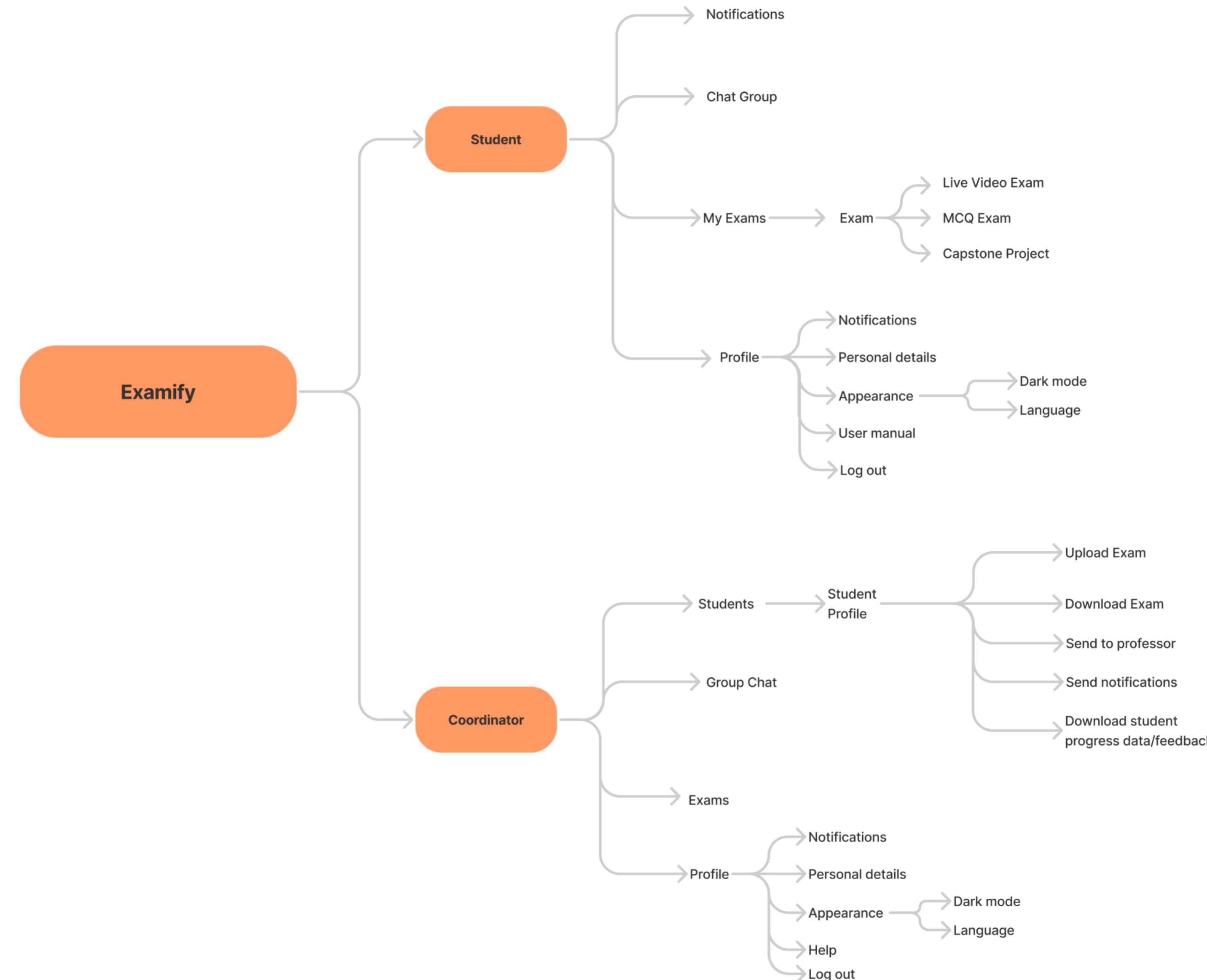
(Power interruption)



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.



Site Map



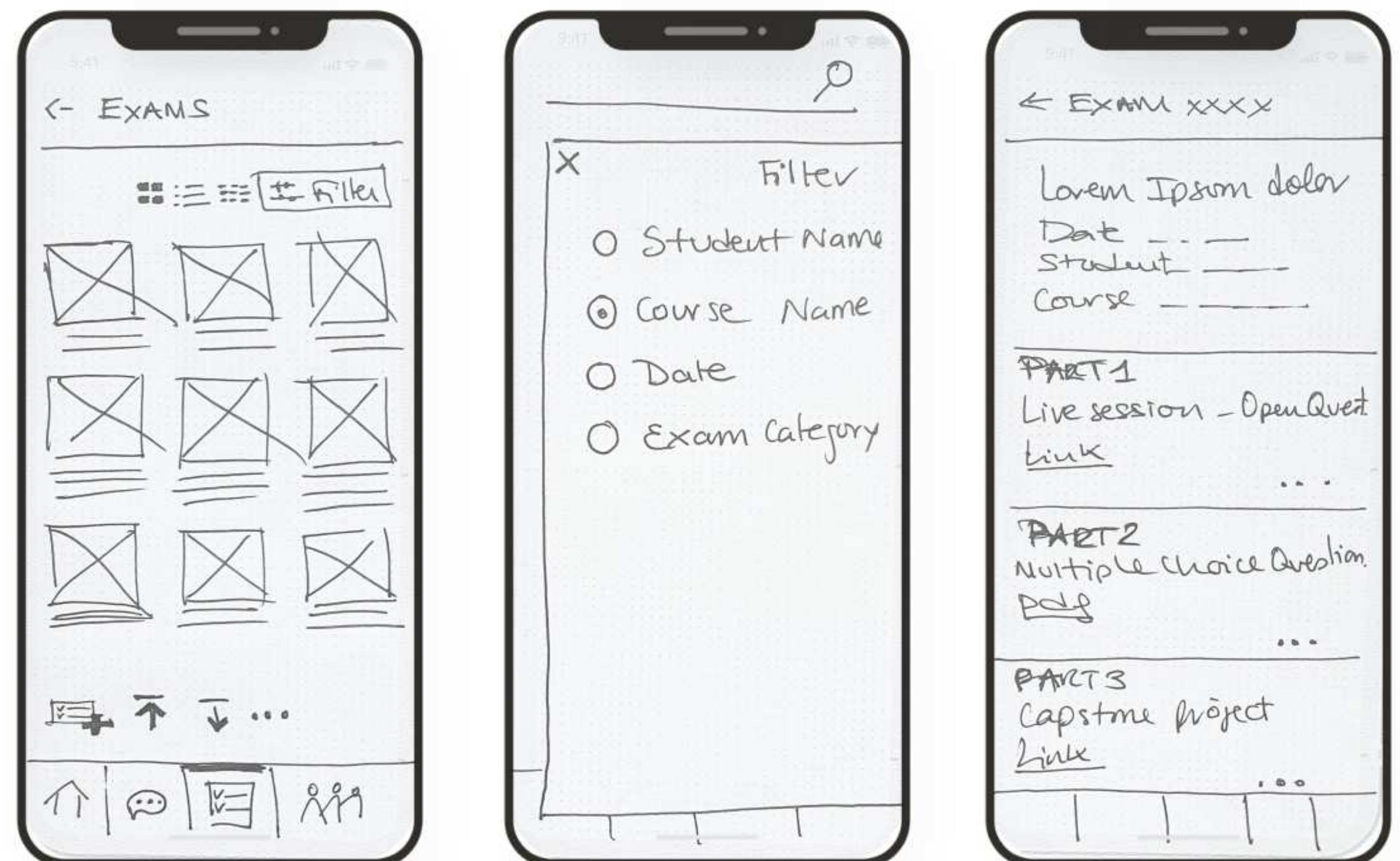
Zakia receives a notification:

1. Clicks notifications tab
2. Opens Exam date & time notification
3. Date & time are included in the user's calendar



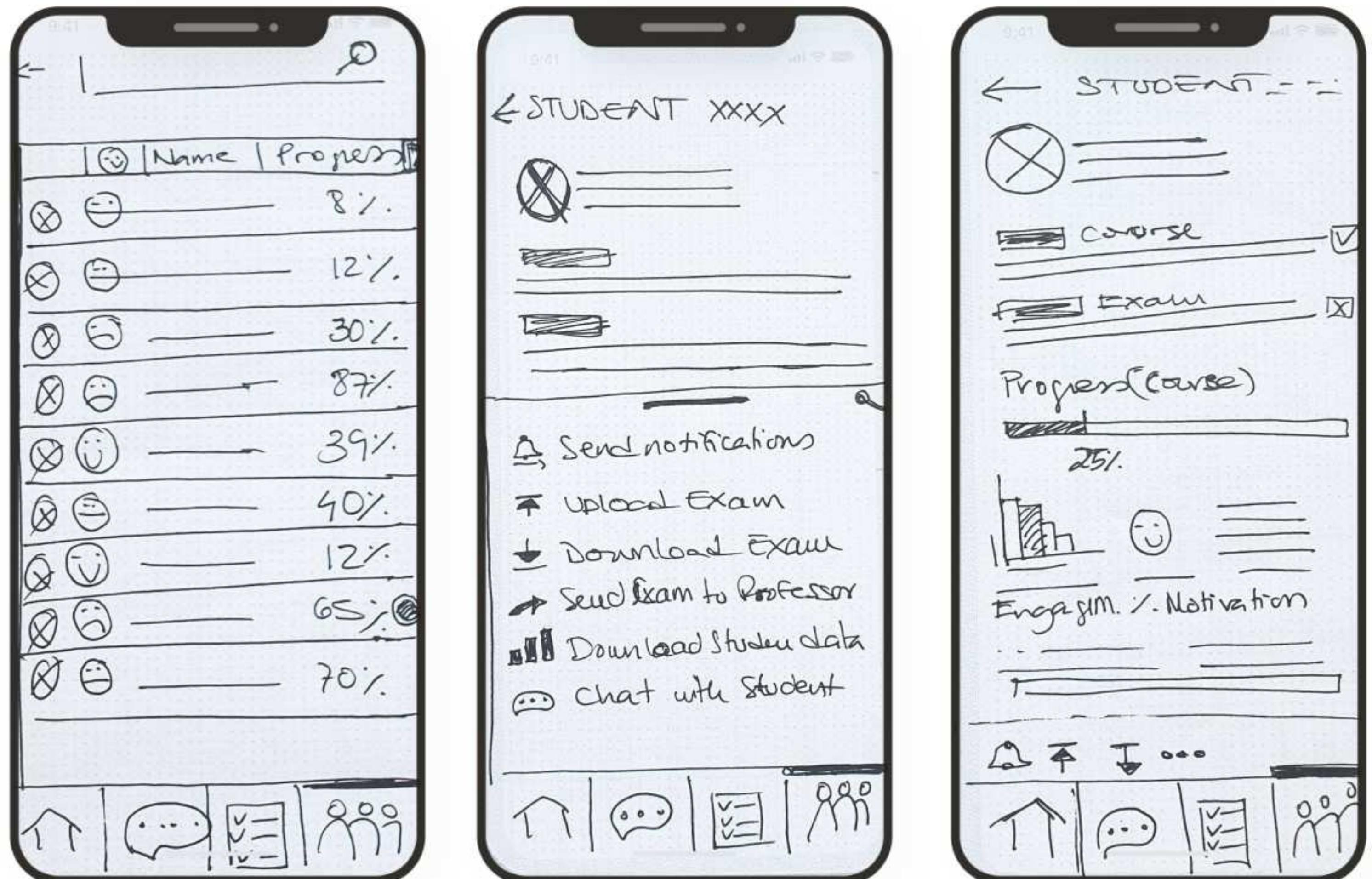
Karim views exams profile

1. Clicks Exams tab
2. Searches exam
3. Views a exam

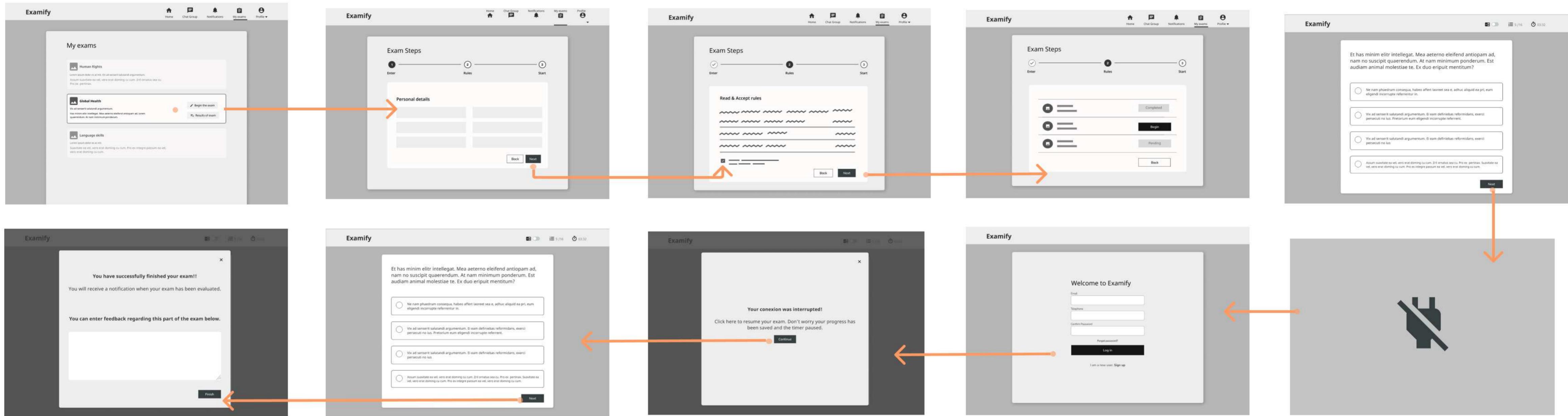


Karim views student profile

1. Clicks Students tab
2. Selects student
3. Views student details page, can view exam status progress, and perform actions.



Zakia's Wireframes



Prototype

<https://www.figma.com/proto/6zaauaPKIOiwZ4w4isLXIEd/InZoneC-Wireframes--UI?page-id=0%3A1&node-id=103%3A1400&viewport=266%2C48%2C0.06&scaling=min-zoom&starting-point-node-id=103%3A1400&showproto-sidebar=1>

Karim's Wireframes - Before exam

This wireframe shows the 'Students/Groups' page. At the top, there is a navigation bar with icons for Home, Notifications, Chat, Students, Exams, and Profile. Below the navigation is a search bar with dropdowns for 'Sort by' and 'Students' or 'Groups'. A 'Create Group' button is located at the top right of the main content area. The main content area is titled 'Groups' and contains a table with columns: Student Name, Lorem ipsum, Course Name, Group Name, Exam Date, and More. Each row represents a group entry with a delete icon.

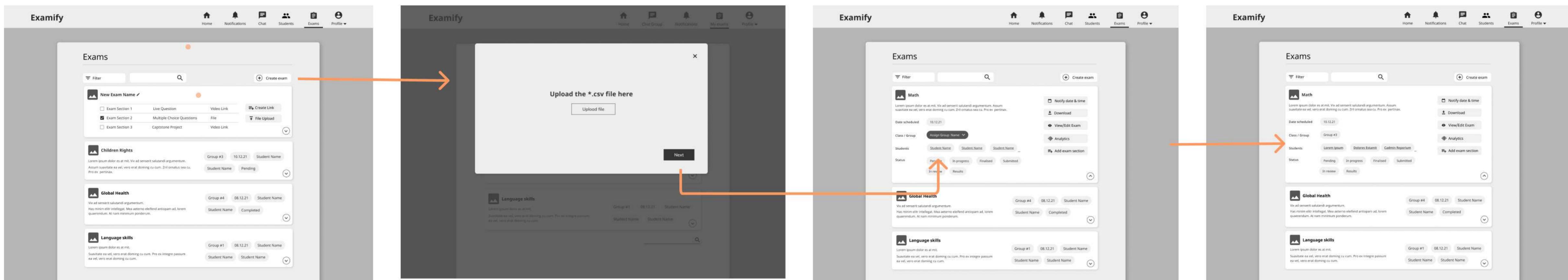
This wireframe shows the 'Students/Groups' page with the 'Students' section active. The layout is identical to the 'Groups' section wireframe, featuring a table with columns: Student Name, Date of birth, Course Name, Group Name, Exam Date, and More. Each row represents a student entry with a delete icon.

This wireframe shows the 'Group' details page. At the top, there is a navigation bar with icons for Home, Notifications, Chat, Students, Exams, and Profile. Below the navigation is a search bar with dropdowns for 'Sort by' and 'Students' or 'Groups'. The main content area is titled '< Group' and contains a table for 'Group Name' with columns: Student Name, Student ID, Date of birth, Dolor est amit, and Lorem ipsum. Below this is a section titled 'Score distribution exam' containing a bar chart. To the right of the chart is a box with various exam-related words: live, bad, normal, Neither, MCQ, ask, good, funny, hard, better, best, time, question, work, section, easy, sure, think.

Full prototype

<https://www.figma.com/proto/6zauaPKIOiwZ4w4isLXIED/InZoneC-Wireframes--UI?page-id=0%3A1&node-id=205%3A2701&viewport=266%2C48%2C0.06&scaling=min-zoom&starting-point-node-id=205%3A2701&showproto-sidebar=1>

Karim's Wireframes - Before exam

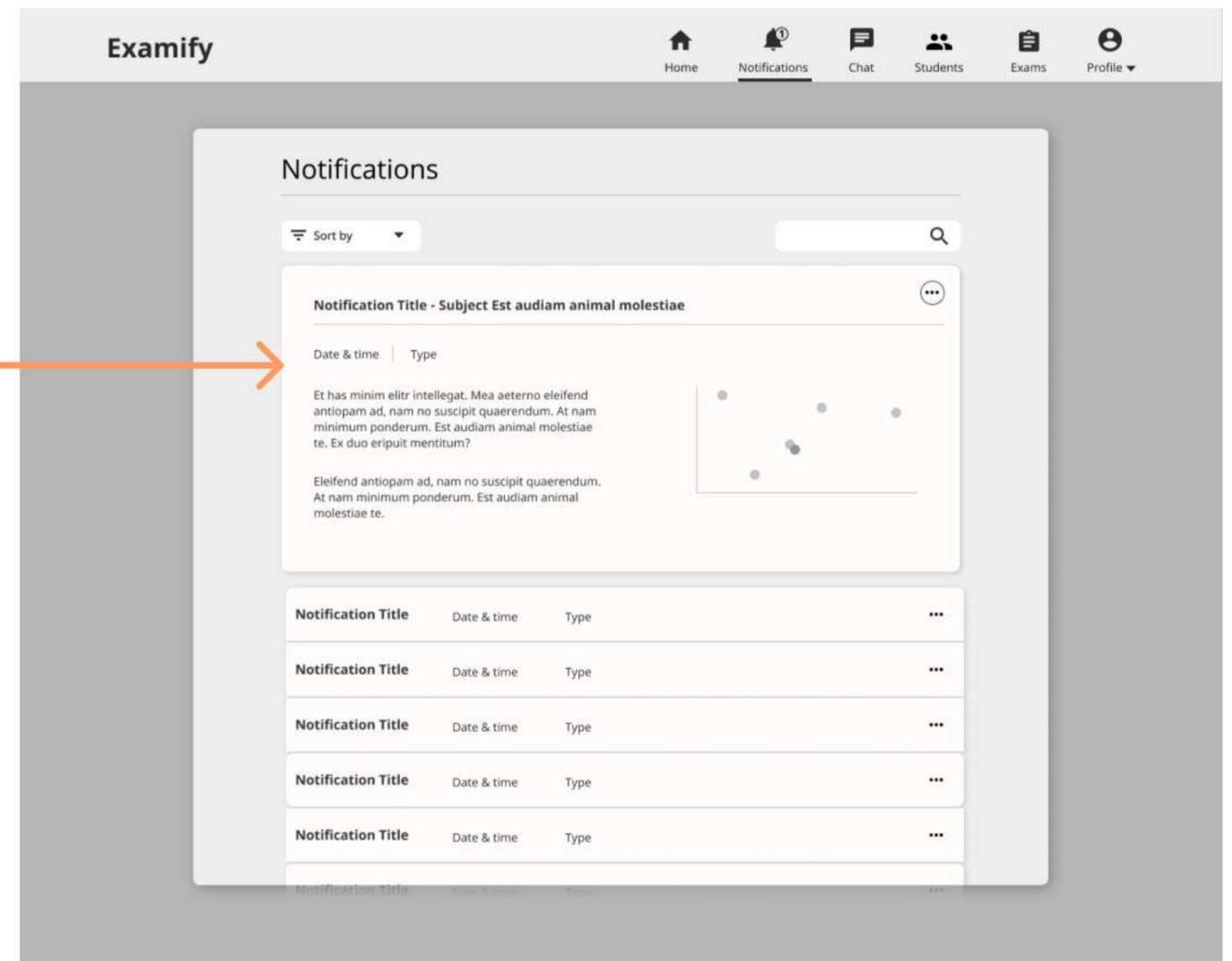
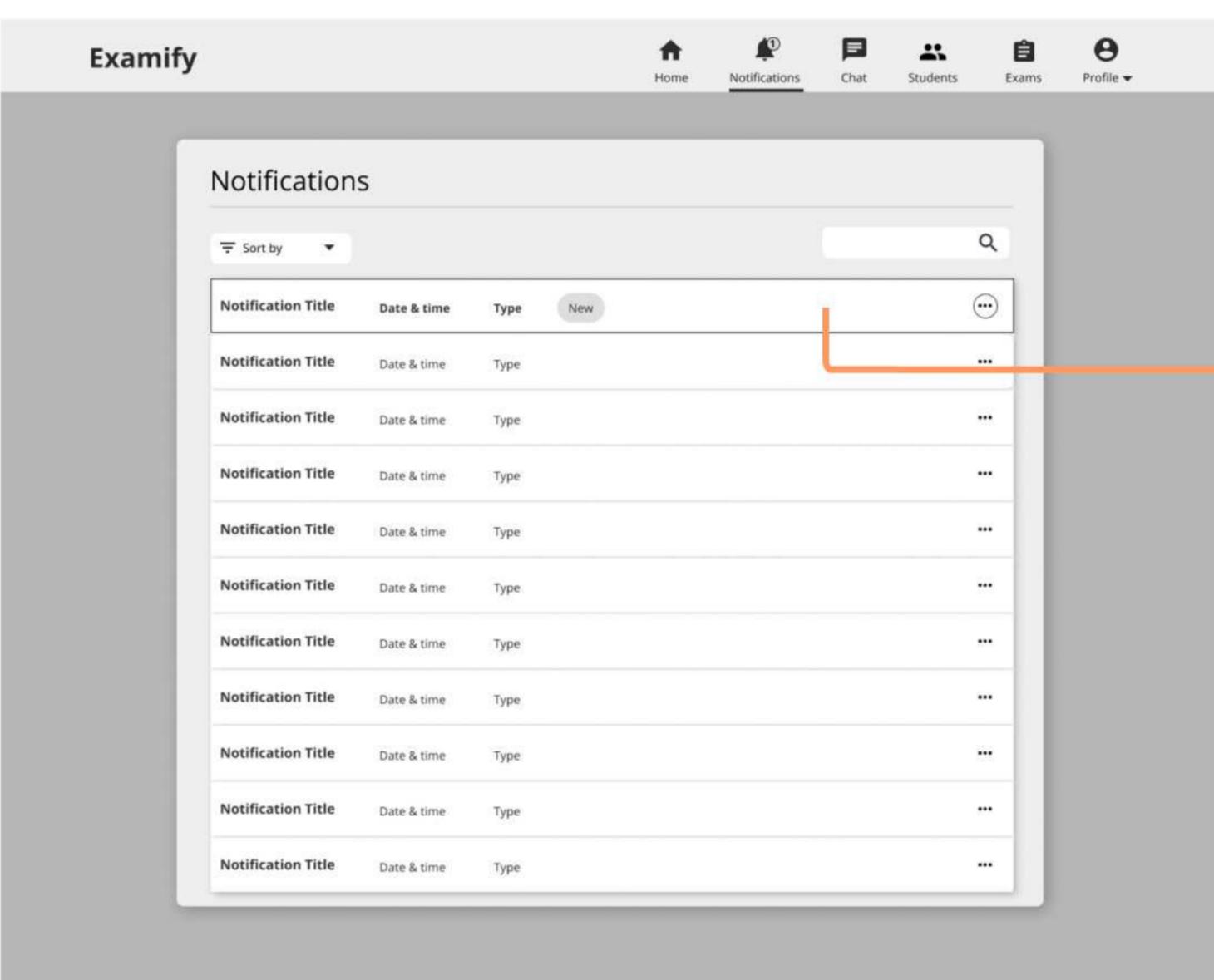
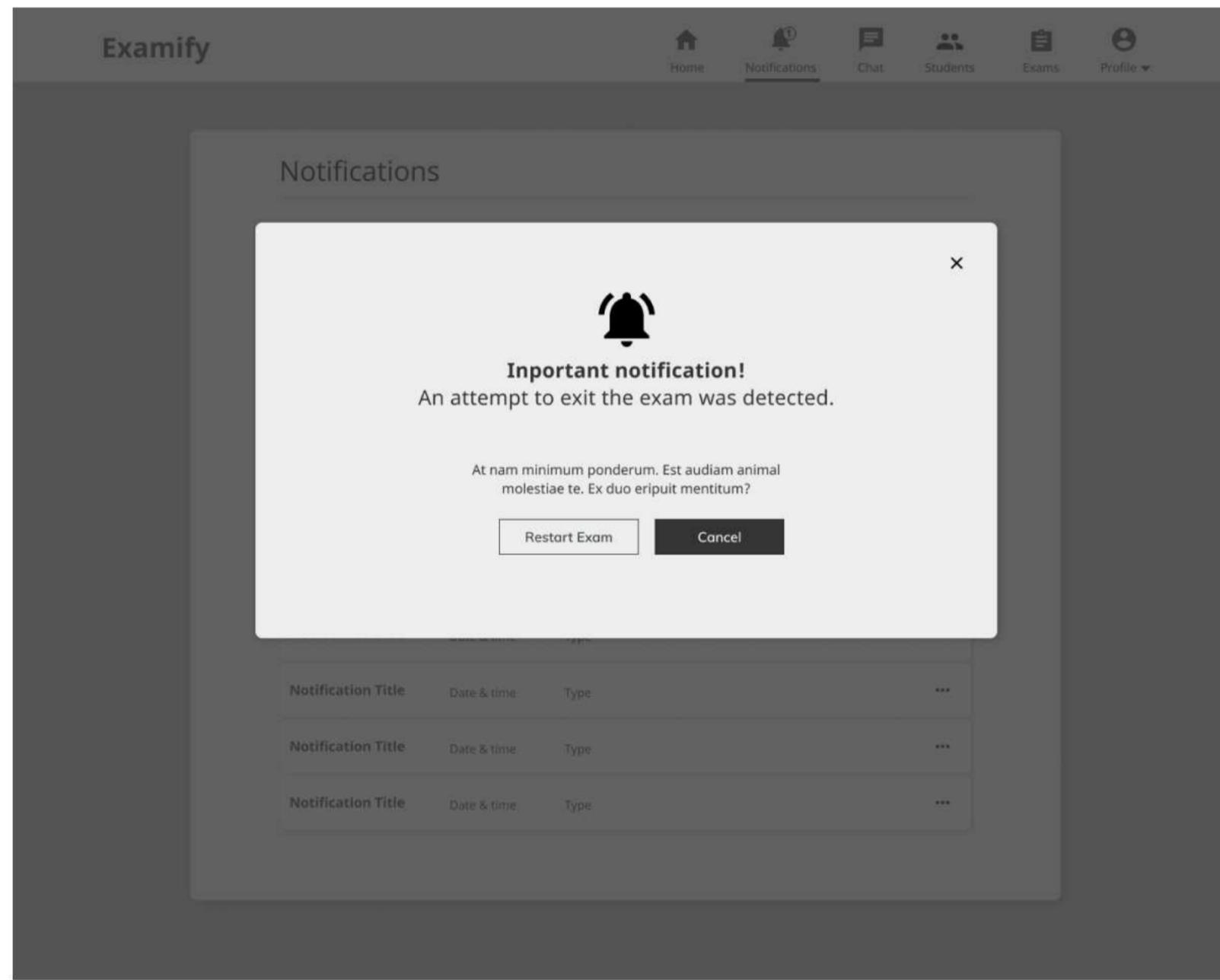


Karim's Wireframes - After exam/Analytics

The image shows a screenshot of the Examify app interface. At the top, there is a navigation bar with icons for Home, Notifications, Chat, Students (which is underlined), Exams, and Profile. The main content area is titled 'Group' and contains several data visualization cards:

- Score distribution exam:** A bar chart showing student scores. An orange arrow points from the left towards this card.
- Students sentiment analysis:** A slider scale from -1 (sad) to 1 (happy) with a value of 0.23. The scale is labeled with emoji faces at each end and numerical values at -1, 0, and 1.
- Average exam time completion:** Displays the average time as **14.67 min**. Below it, it lists the hardest questions: 4, 18, 32, 41, 65, 71.
- Male/Female/Age:** A line graph showing the distribution of students by gender and age group.
- Attendance:** A circular progress indicator showing 75% attendance.
- Course Name:** A placeholder text field labeled 'Course Name'.
- Group Name:** A placeholder text field labeled 'Group Name'.
- Date assigned:** A placeholder text field labeled 'Date assigned'.

Karim's Wireframes - During and after the exam Notifications



Responsive UI

The image displays six screenshots of the Examify application's user interface, illustrating its responsive design across various devices and screen sizes.

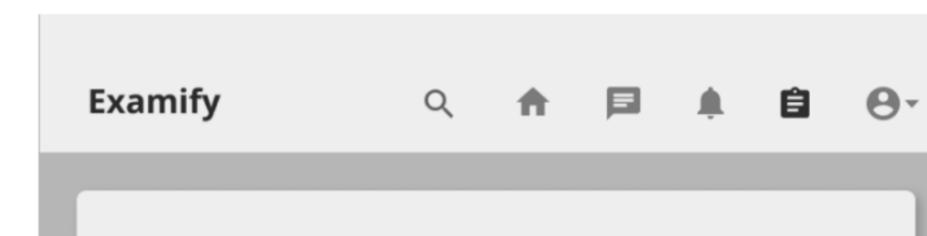
- Top Left:** A desktop view of the "Exams" section. The header includes "Examify" and navigation links: Home, Chat Group, Notifications, My exams (selected), and Profile. Below is a list of exams: "Human Rights" (with a note about Latin placeholder text), "Global Health" (with a note about Latin placeholder text), and "Language skills" (with a note about Latin placeholder text). Each exam item has "Begin the exam" and "Results of exam" buttons.
- Top Middle:** A tablet or large smartphone view of the "My exams" section. The header is simplified with a search icon and navigation links: Home, Chat, Notifications, and Exams. The list of exams is identical to the desktop view.
- Top Right:** A mobile phone view of the "My exams" section. The header is further simplified with a search icon and navigation links: Home, Chat, Notifications, and Exams. The list of exams is identical to the desktop view.
- Middle Left:** A desktop view of an exam question. The header is "Examify" with navigation links: French (dropdown), Settings, 5 / 16, and 03:32. The question text is: "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?" Below are four multiple-choice options, each with a radio button and Latin placeholder text. A "Next" button is at the bottom.
- Middle Middle:** A tablet or large smartphone view of the same exam question. The header is simplified with a search icon and navigation links: Home, Chat, Notifications, and Exams. The question and options are identical to the desktop view.
- Middle Right:** A mobile phone view of the same exam question. The header is simplified with a search icon and navigation links: Home, Chat, Notifications, and Exams. The question and options are identical to the desktop view.
- Bottom Right:** A close-up view of the mobile phone screen showing a single exam option. The text of the option is: "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.". A "Next" button is at the bottom right.

Responsive UI - Top Navigation vs Left

Top Desktop Naviagtion



Top Tablet Naviagtion



Left Desktop Naviagtion

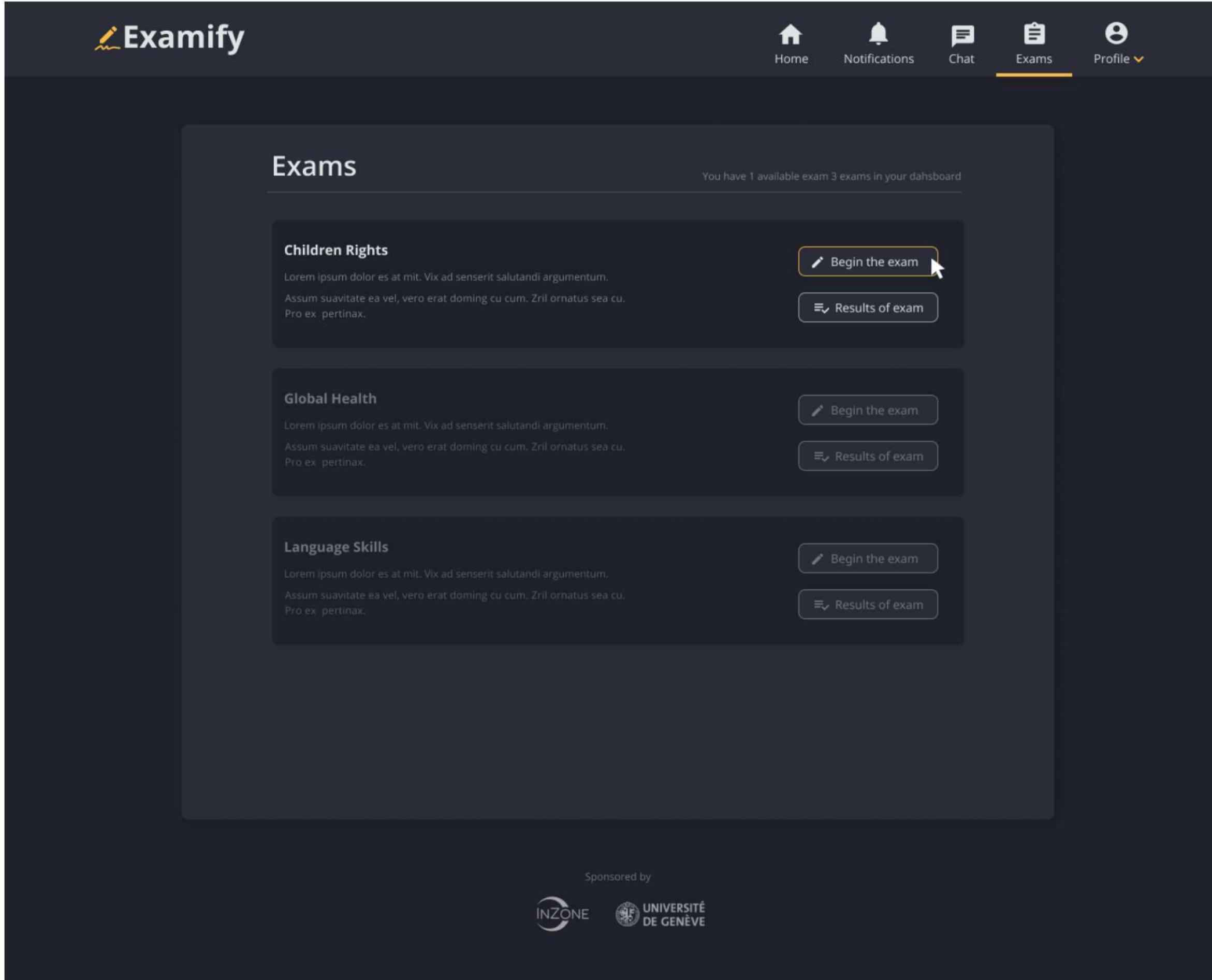


Left Tablet Naviagtion



Left Navigation is less responsive. A visible top Navigation in desktop and tablets, avoids an extra click from the user.

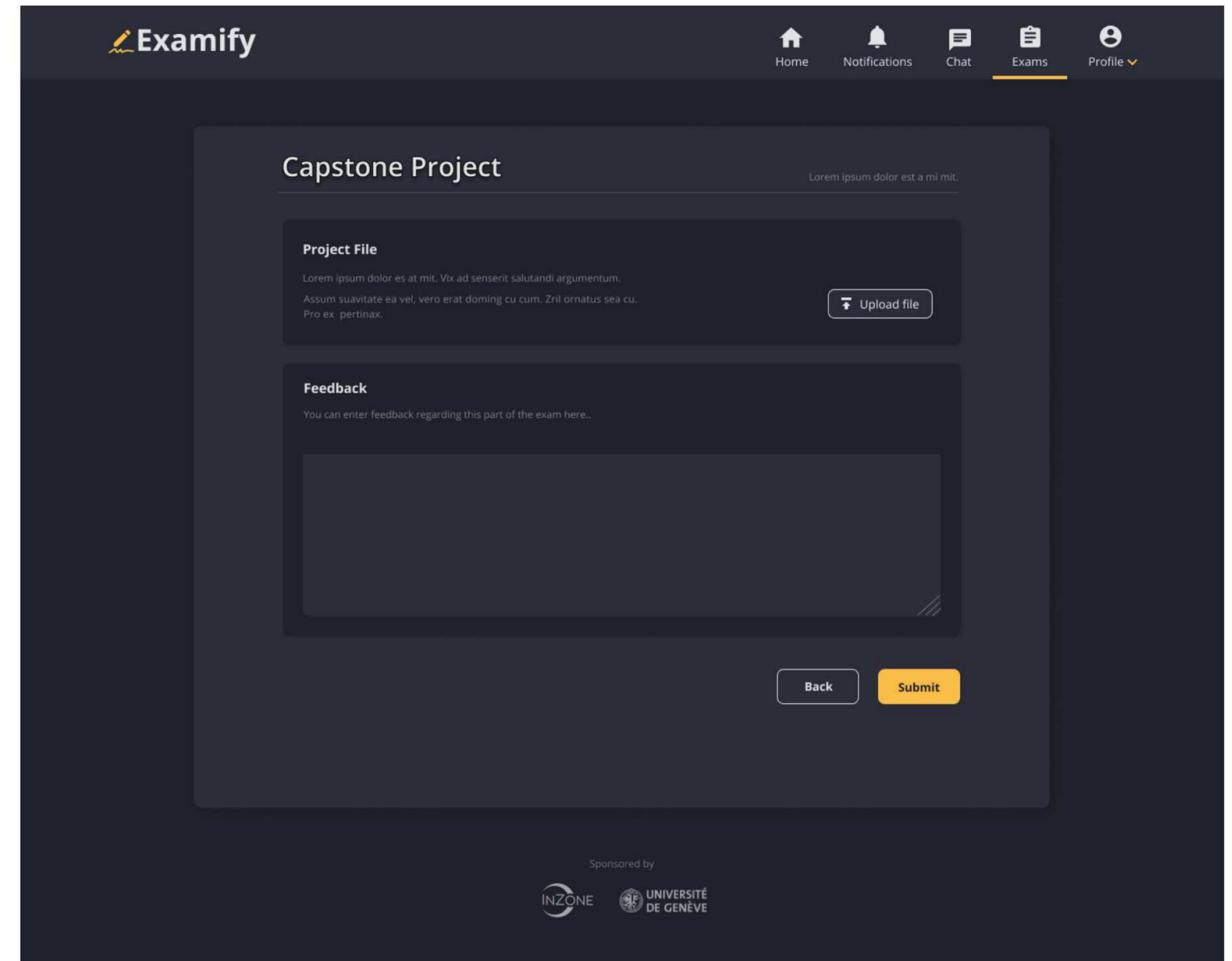
Visual Design, UI & Interaction design



The image shows the 'Exams' section of the Examify application. At the top, there's a header bar with the Examify logo and navigation links: Home, Notifications, Chat, Exams (which is highlighted), and Profile. Below the header, a message states 'You have 1 available exam 3 exams in your dashboard'. Three exam cards are listed:

- Children Rights**: Includes a short description and two buttons: 'Begin the exam' (with a pencil icon) and 'Results of exam' (with a document icon).
- Global Health**: Includes a short description and two buttons: 'Begin the exam' (with a pencil icon) and 'Results of exam' (with a document icon).
- Language Skills**: Includes a short description and two buttons: 'Begin the exam' (with a pencil icon) and 'Results of exam' (with a document icon).

At the bottom, there's a 'Sponsored by' section featuring logos for INZONE and UNIVERSITÉ DE GENÈVE.



The image shows the 'Capstone Project' section of the Examify application. At the top, there's a header bar with the Examify logo and navigation links: Home, Notifications, Chat, Exams (which is highlighted), and Profile. Below the header, a message states 'Lorem ipsum dolor est a mi mit.'. A large card titled 'Capstone Project' contains the following sections:

- Project File**: Includes a short description and a 'Upload file' button (with a paper icon).
- Feedback**: A text input field with the placeholder 'You can enter feedback regarding this part of the exam here..'

At the bottom, there are 'Back' and 'Submit' buttons.

Visual Design, UI & Interaction design

The screenshot shows the 'Exams' section of the Examify platform. At the top, there is a header with the Examify logo, a navigation bar with links for Home, Notifications, Chat, Students, Exams (which is currently selected), and Profile. Below the header, a message states 'You have 3 exams in your dashboard'. There are three exam entries, each with a title, a short description, and a row of buttons for Group #, Date, Student Name, and status (Pending or Completed). A 'Filter' button and a search bar are also present.

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.

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.

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.

This screenshot is similar to the one above, showing the 'Exams' section. However, the 'Class/Group' filter button in the top navigation bar is highlighted with a yellow border, indicating it is the active filter. The rest of the interface is identical to the first screenshot, displaying the same three exam entries with their respective details and status buttons.

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.

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.

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.

Visual Design, UI & Interaction design

French version of the Examify interface. The main content area displays a Latin sentence: "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?" Below the sentence are four options, each with a radio button and a yellow background box:

- Ne nam phaedrum consequa, habeo afferit laoreet sea e, adhuc aliquid ea pri, eum eligendi incorrupte referrentur in.
- Vix ad senserit salutandi argumentum. Ei eam definiebas reformidans, exerci persecuti no ius. Pretorium eum eligendi incorrupte referrent.
- 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.

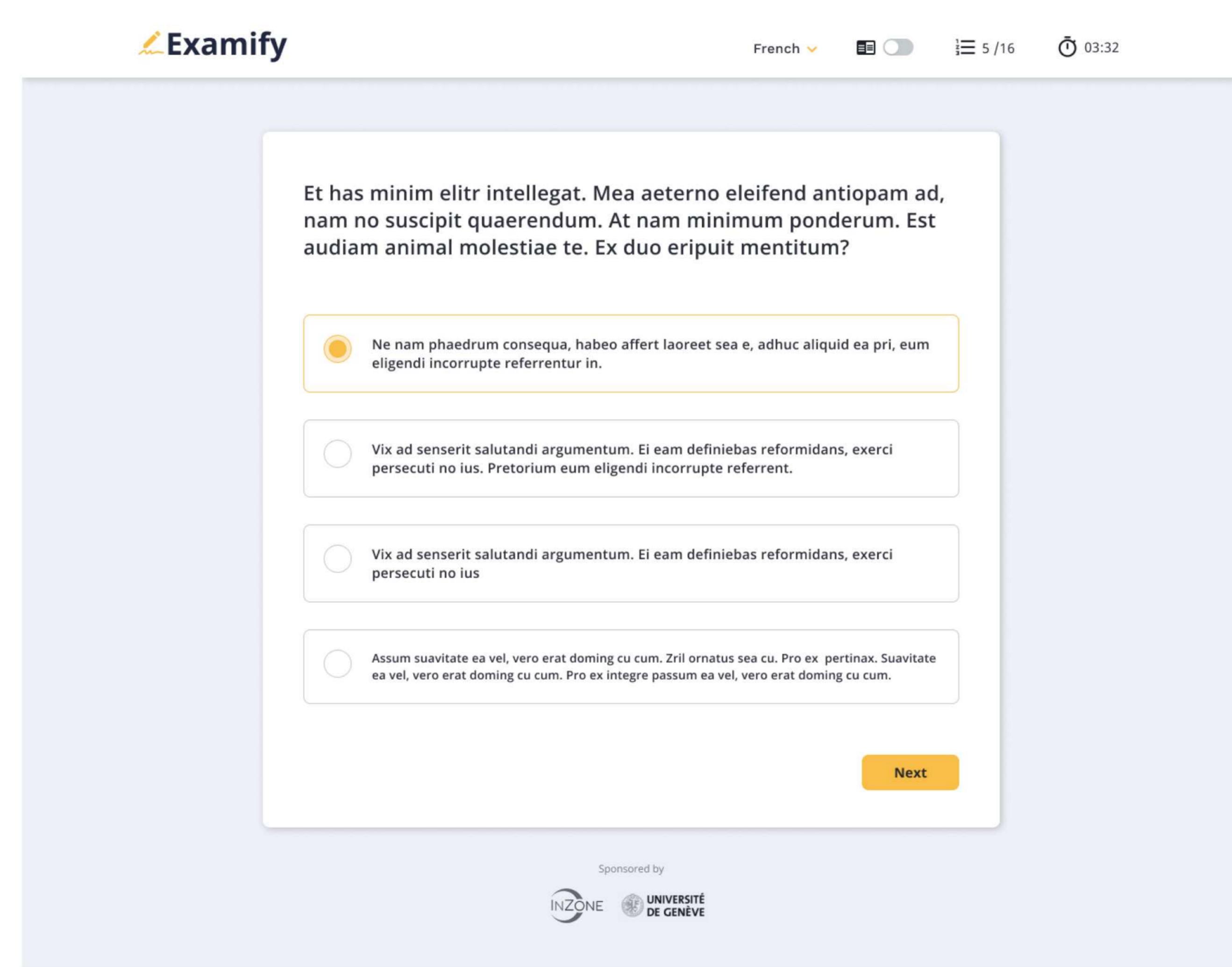
A yellow "Next" button is located at the bottom right of the content area.

Arabic version of the Examify interface. The main content area displays the same Latin sentence and four options, each with a radio button and a yellow background box. The text is in Arabic:

- ال ناويحلاب شرحتلل مايدوا ةسسؤم .ايندلا مان يف رسلا نم ننألا دحلا اهيدل مان يف رسلا نم ننألا دحلا ؟ةيلقعلا يئاثلا قباسلا .ةيرصم ةمهاسم ةكرش ناويحلاب شرحتلل مايدوا ةسسؤم مايدوا ةسسؤم .ايندلا
- دسف ربغ ليحم .دجوت
- نوبحالصإلا .دسف ربغ ليحم .دجوت ال داهطضا لا ةسرامم ، سفنلا نع عافدلا يف نولثتملا نويحالصإلا
- دجوت ال داهطضا لا ةسرامم ، سفنلا نع عافدلا يف نولثتملا نويحالصإلا .دسف ربغ ليحم
- سکانیتربولا نم لكل نأ ضرتفا .نیقیاسلا سکانیتربولا نم لكل لیز .cu cum فیق تاریا وریف ، ةبسانم نوکت نأ ضرتفا .سینرلا بنان CU فیق تاریا وریف ، لیف تاریا وریف ، ةبسانم نوکت نأ ضرتفا .نیقیاسلا

A yellow "Next" button is located at the bottom right of the content area.

Visual Design, UI & Interaction design



The image shows a mobile application interface for Examify. At the top, there is a navigation bar with the Examify logo, language selection (French), a toggle switch, and a timer indicating 5 / 16 questions and 03:32 remaining. The main content area displays a question in Latin:

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

Below the question are four options, each enclosed in a box with a radio button:

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

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