

Education Talimna

Team members

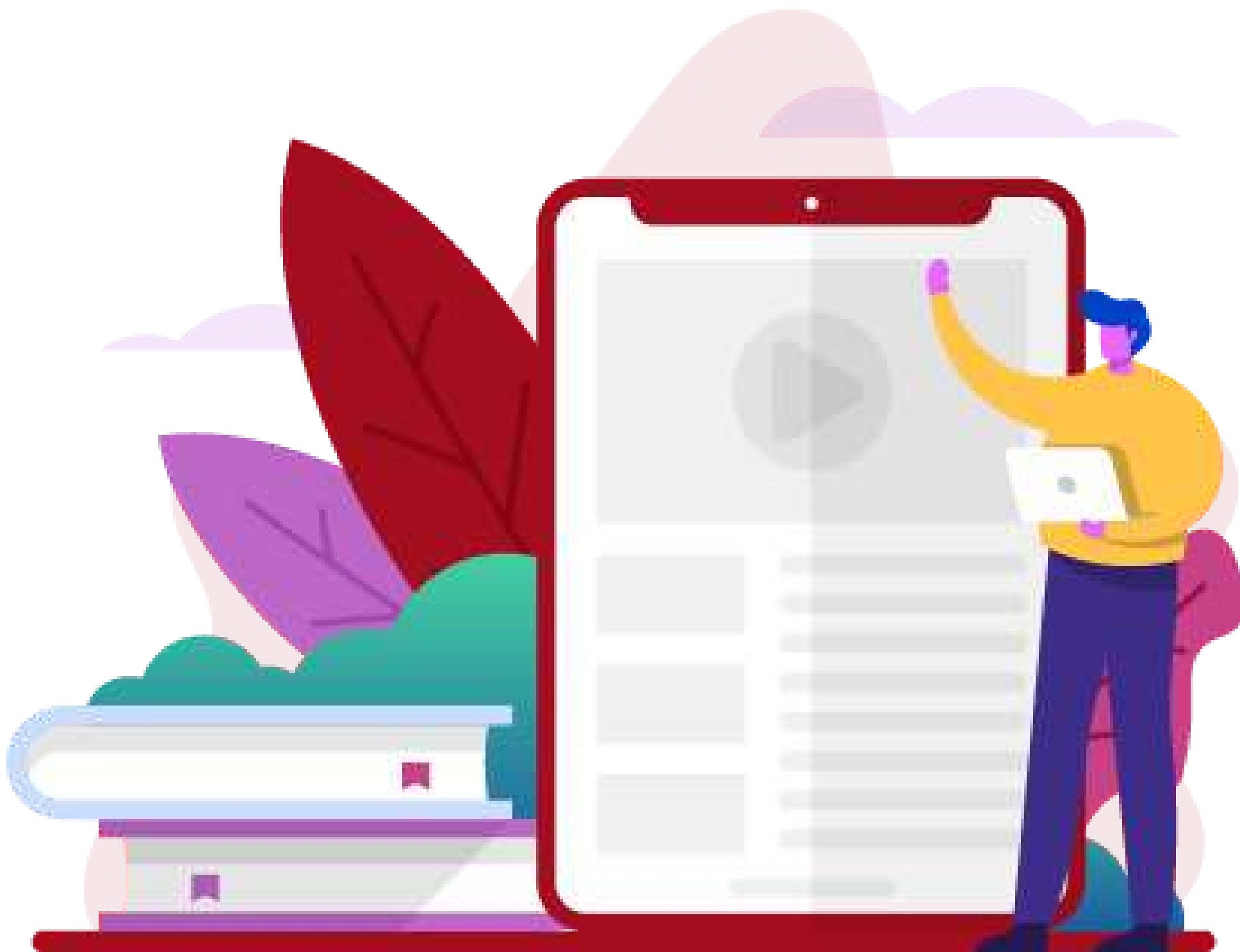
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| 1 | Youssef Krouna | Project Manager |
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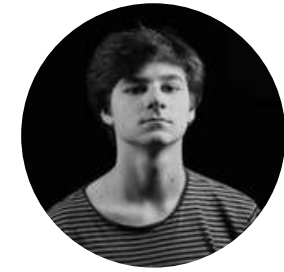
- ▶ The problem is the rate of school dropout in Morocco at an early age
- ▶ The problem (GCGO) is linked to education in Morocco, and in particular to the problem of school dropout in Moroccan schools.



Why the problem matters: Morocco's early school dropout rate has far-reaching consequences, including limited access to opportunities, perpetuating social and economic inequality, and a detrimental impact on individual well-being and national development. Addressing this issue is crucial to ensuring equitable and inclusive quality education for all Moroccan children, which is essential for their future success and the country's overall progress.



Create a user persona



Name: Reda

Gender: male

Age: 15 years old

Personal occupation: Student

Location: A rural village in Morocco

Educational history: He completed primary school but dropped out of high school due to lack of funds and distance from school.

Annual family income: Comes from a low-income family struggling to make ends meet (about 5,300 euros)

Technology use: Has access to a basic smartphone and uses it primarily to communicate with family and friends.

Goals and Aspirations: He would like to continue his education and become a nurse so that he can help his community.

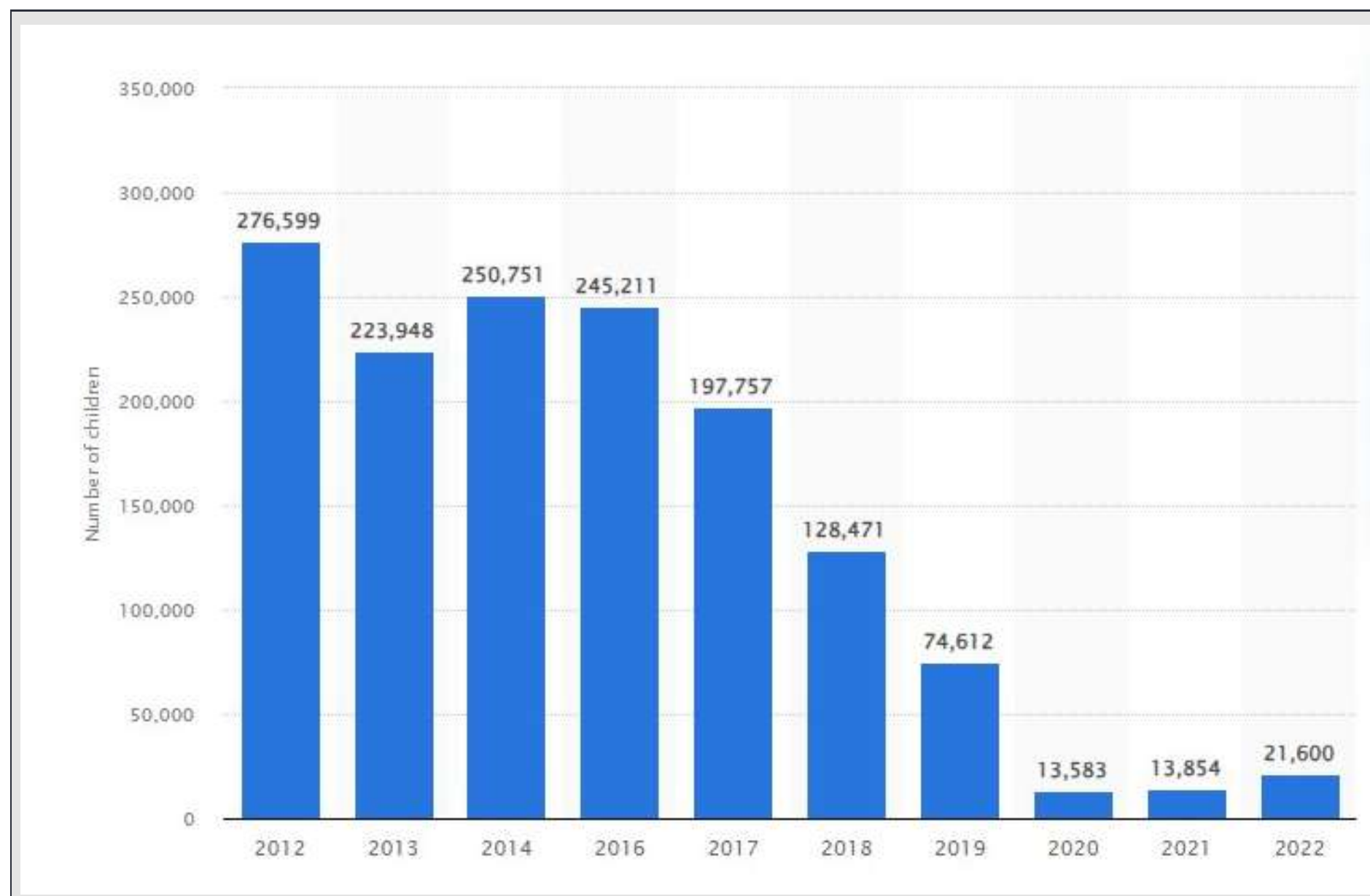
Challenges: Lack of access to quality education due to living in a remote area with no school nearby and lack of funds to pay for transportation to a school in a nearby town.

Technology use: Has access to a basic smartphone and uses it primarily to communicate with family and friends.

Personality traits: hard work, determination, and drive to learn.

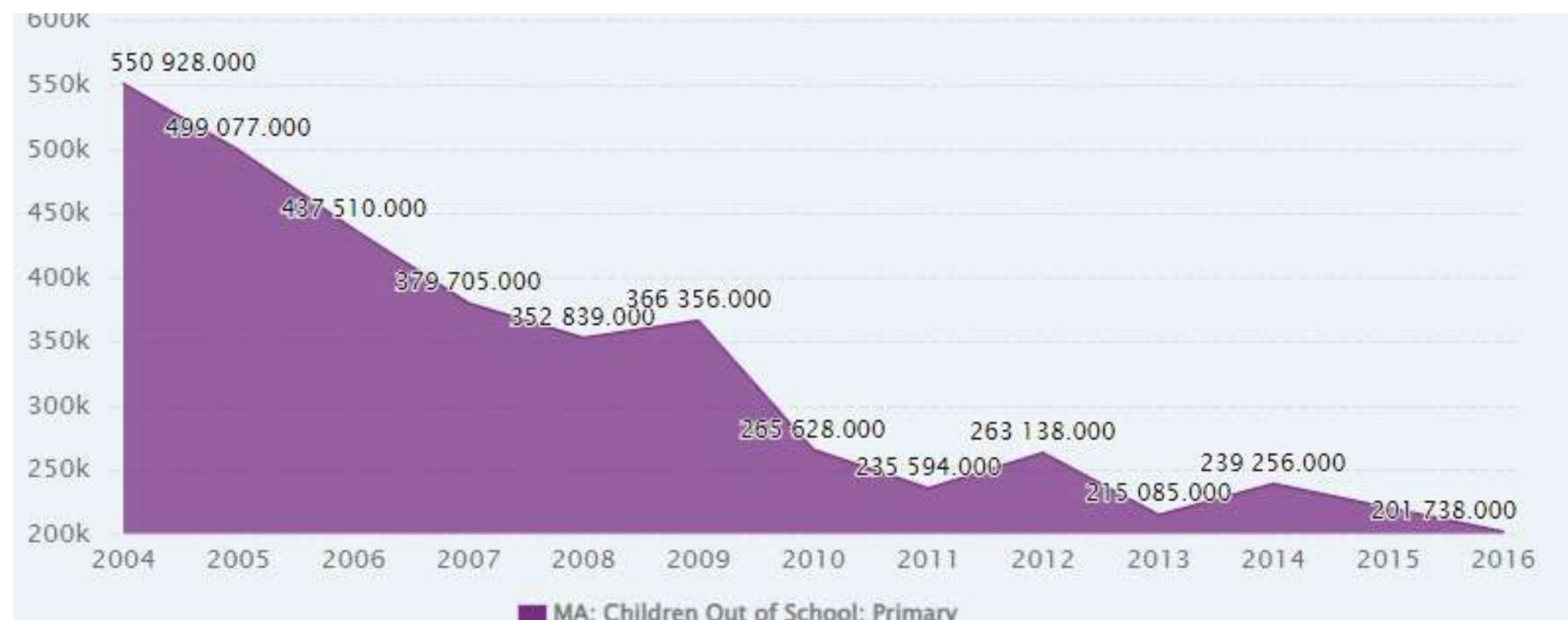
This user persona represents the target demographic of students in Morocco who face barriers to accessing quality education. The character highlights the challenges faced by students like RIDA, including lack of access to schools and lack of money to pay for transportation, which leads to school dropouts. The character also shows the potential impact of solutions that leverage technology to provide access to quality education and reduce school dropouts. It highlights Reda's goals and aspirations to continue his education to become a nurse.

Number of children out of school in Morocco 2012-2022



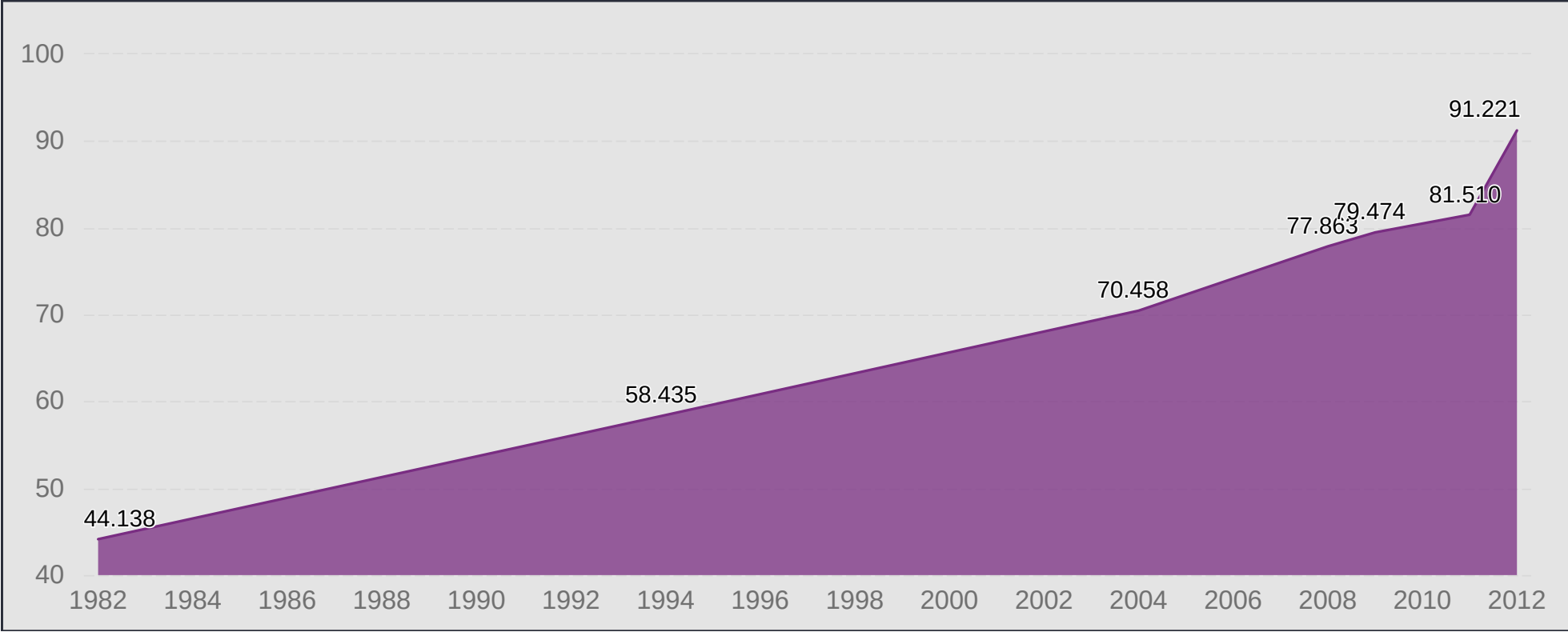
In 2022, the number of children out of school in Morocco increased by 7,746 children (+55.91 percent) since 2021. The year 2022 therefore marks a significant change in the number of children out of school compared to the previous year. Out-of-school children are the number of school-age children enrolled in primary or secondary school minus the total population of the official primary school-age children.

Morocco: Children Out of School: Primary from 1971 to 2016 in the chart



Morocco MA: Children Out of School: Primary data was reported at 201,738.000 Person in 2016. This records a decrease from the previous number of 239,256.000 Person for 2014. Morocco MA: Children Out of School: Primary data is updated yearly, averaging 1,143,671.500 Person from Dec 1971 to 2016, with 44 observations. The data reached an all-time high of 1,748,314.000 Person in 1992 and a record low of 201,738.000 Person in 2016. Morocco MA: Children Out of School: Primary data remains active status in CEIC and is reported by World Bank. The data is categorized under Global Database's Morocco - Table MA.World Bank.WDI: Education Statistics. Children out of school are the number of primary-school-age children not enrolled in primary or secondary school. UNESCO Institute for Statistics; Sum; Each economy is classified based on the classification of World Bank Group's fiscal year 2018 (July 1, 2017-June 30, 2018).

Morocco: Literacy Rate Youth % of People Age 15-24 from 1982 to 2012 in the chart



MA: Literacy Rate: Youth: % of People Age 15-24

SOURCE: WWW.CEICDATA.COM | World Bank

MA: Literacy Rate: Youth: % of People Age 15-24 data was reported at 91.221 % in 2012. This records an increase from the previous number of 81.510 % for 2011. MA: Literacy Rate: Youth: % of People Age 15-24 data is updated yearly, averaging 77.863 % from Dec 1982 to 2012, with 7 observations. The data reached an all-time high of 91.221 % in 2012 and a record low of 44.138 % in 1982. MA: Literacy Rate: Youth: % of People Age 15-24 data remains active status in CEIC and is reported by World Bank. The data is categorized under Global Database's Morocco - Table MA.World Bank: Education Statistics. Youth literacy rate is the percentage of people ages 15-24 who can both read and write with understanding a short simple statement about their everyday life.; ; UNESCO Institute for Statistics; Weighted average; Each economy is classified based on the classification of World Bank Group's fiscal year 2018 (July 1, 2017-June 30, 2018).

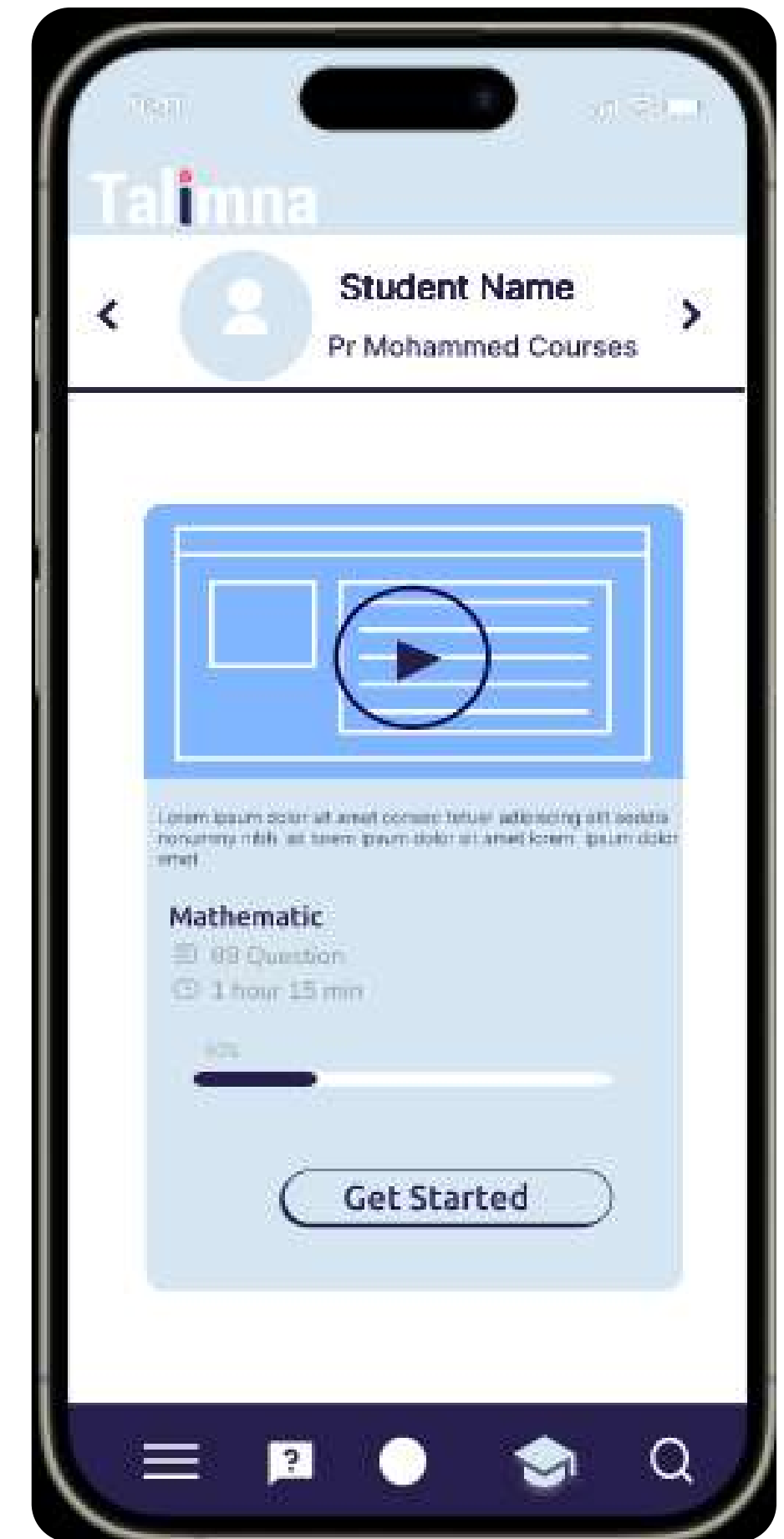
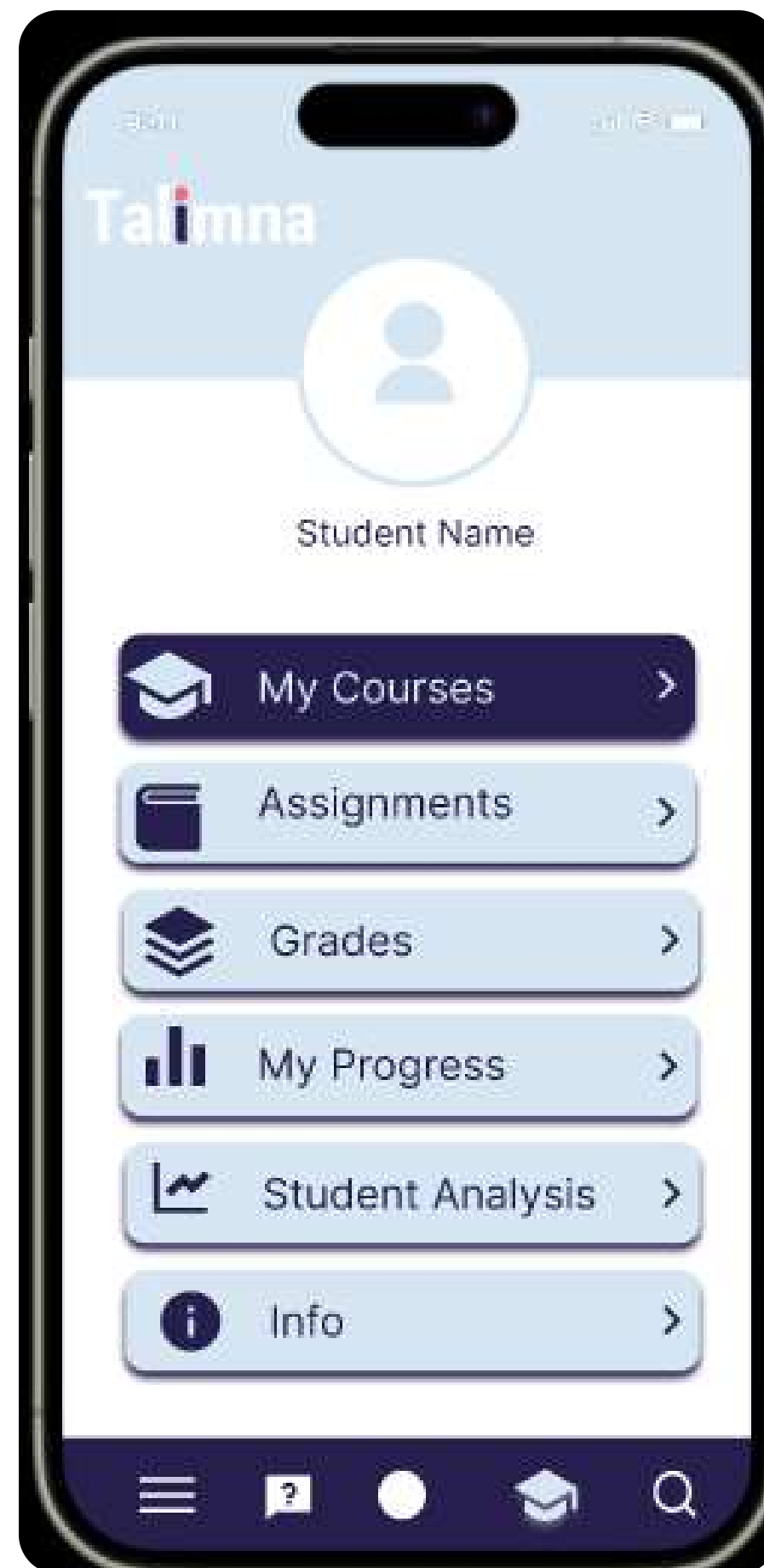
Proposed solution is



I propose developing an electronic learning application that incorporates various features to provide students with convenient and effective lessons. The application will allow students to select teachers based on their individual needs and abilities. Additionally, the application will analyze students' strengths and weaknesses to provide personalized guidance and support for improvement. It will also provide statistics on students' performance in each subject and assist them in choosing an appropriate academic direction based on their performance.

I chose this solution because of several reasons:

- ▶ Convenience: The electronic learning application provides students with the flexibility to access lessons anytime and anywhere. Students can learn at their own pace, fitting their education around their schedule.
- ▶ Teacher selection: By enabling students to choose teachers based on their abilities and preferences, the application promotes a tailored learning experience. Students can find instructors who best match their learning style and teaching methods, enhancing engagement and understanding.
- ▶ Personalized guidance: The application's analysis of students' strengths and weaknesses allows for targeted support. By identifying areas where students may be struggling, the application can provide specific resources, exercises, and recommendations to help students improve.
- ▶ Performance statistics: By providing detailed statistics on students' performance in each subject, the application promotes self-awareness and accountability. Students can track their progress over time, identify areas of improvement, and set goals accordingly. This data-driven feedback can enhance motivation and encourage continuous learning.
- ▶ Academic direction: The application's assistance in choosing an appropriate academic direction based on performance helps students make informed decisions about their educational path. It provides guidance on selecting subjects or fields of study that align with their strengths and interests, potentially leading to better academic and career outcomes.



Feedback

User testing

1

From a teacher's point of view, Omar recommended that the app should have an option to support students individually in case they need it.

2

From a student's point of view, Abdelbar recommended that the live feed courses be provided by the teachers on the app Uri video call), in order to establish a direct link between students and teachers.

3

Both users liked that the app is designed and detailed to the point you have the choice of course teacher, and personalized experience.

Based on the feedback received from test users, there are a few recommendations and changes that can be made to enhance the proposed solution:

Individual Support Option: Incorporate a feature that allows teachers to provide individual support to students when needed. This could include a messaging system or a dedicated space where students can ask questions or seek clarification on specific topics. By enabling direct communication between teachers and students, the app can facilitate personalized assistance and address individual learning needs effectively.

Live Feed Courses: Integrate a feature that enables teachers to conduct live video feed courses directly through the app. This functionality would establish a direct link between students and teachers, allowing for real-time interaction, question-and-answer sessions, and a more engaging learning experience. Live video calls can simulate a classroom environment and foster better communication and collaboration between students and teachers.



What you will do next if you get funding to continue working on your solution

If funding is awarded, the next steps for the educational app and platform will include expanding its global reach, enhancing the content library, integrating AI technology, enhancing collaboration and community building, focusing on mobile app development, and prioritizing continuous improvement based on user feedback. These initiatives aim to make the platform accessible to a wider audience, provide high-quality educational materials, personalize the learning experience, facilitate collaboration, and ensure easy access via mobile devices. By implementing these measures, the platform can become an innovative, comprehensive solution that empowers learners, supports teachers, and creates a global community of lifelong learners.



Why: Our mission is to revolutionize education and empower learners in Morocco

We believe that every individual deserves a quality education and the opportunity to achieve their full potential. Our solution aims to break down barriers to education, provide personalized learning experiences, and foster a global community and Moroccan society in particular of lifelong learners.

Our solution makes an important difference. We aim to democratize education, meet diverse learning needs, create a supportive learning environment, enable lifelong learning, and empower individuals to shape their future. Through our commitment to WHY, we transform education and unlock the full potential of learners

Thank's For Watching

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