



TECH TITANS AFRICA

THE TEAM:

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Problem Statement

The Problem

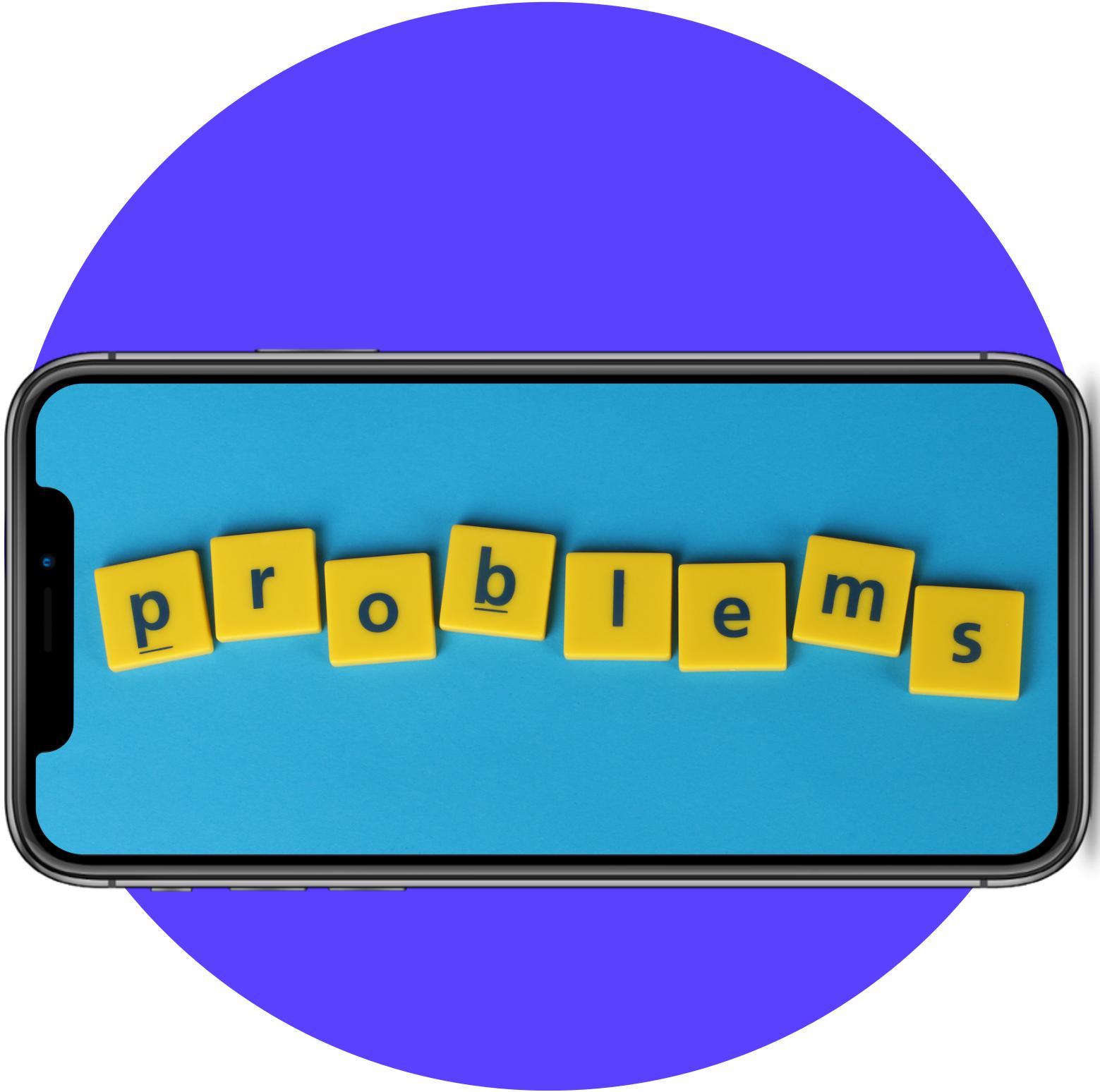
In South Africa, the youth between the ages 15-21 experience a lack of access to essential work skills and mentorship hindering their preparedness for the future workforce and bridging the gap between education and industry demands.

Related GCGO

Education and Job Creation.

Why does this matter?

Not having a proper education hinders the youth's prospects for a brighter future, limiting their ability to secure sustainable employment opportunities.



User Persona

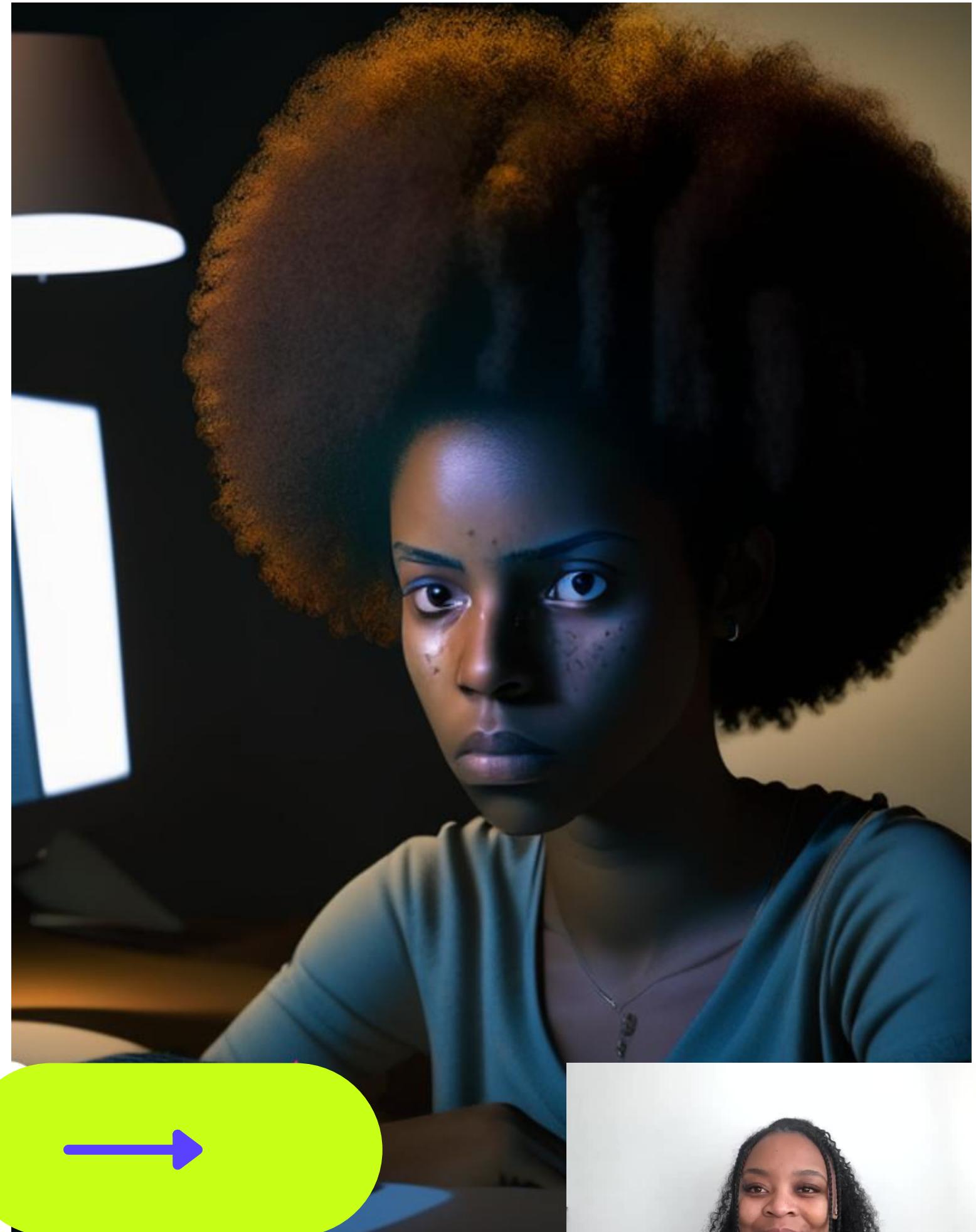
Name: Emily Mbatha

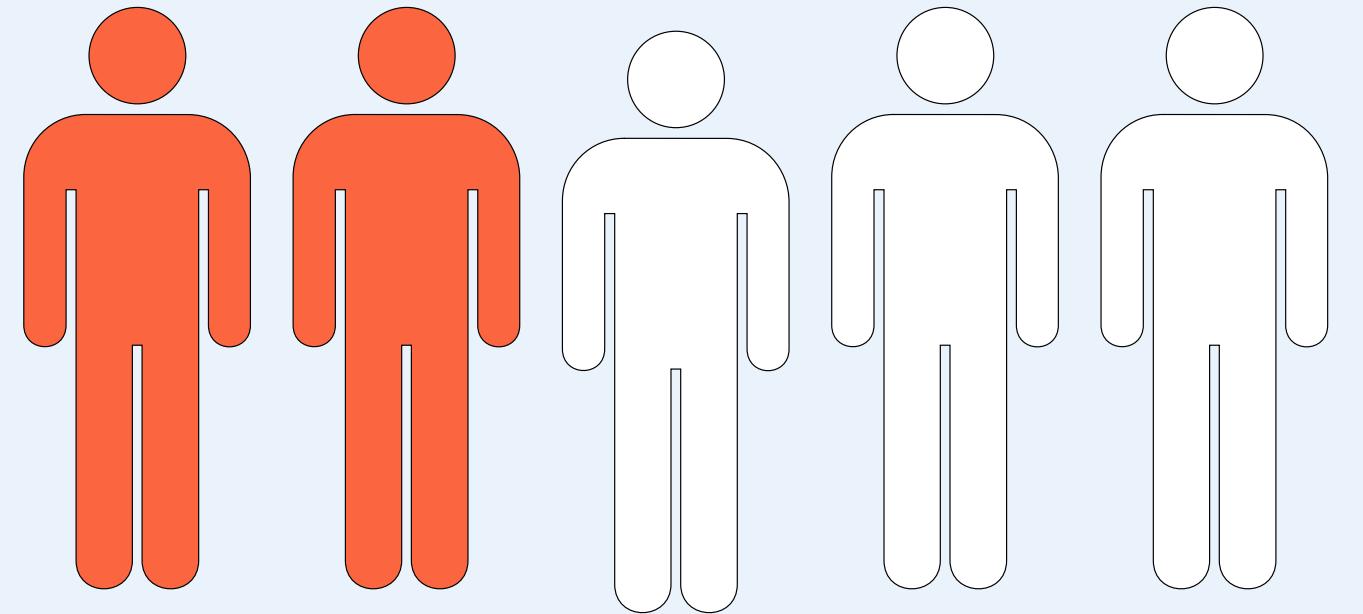
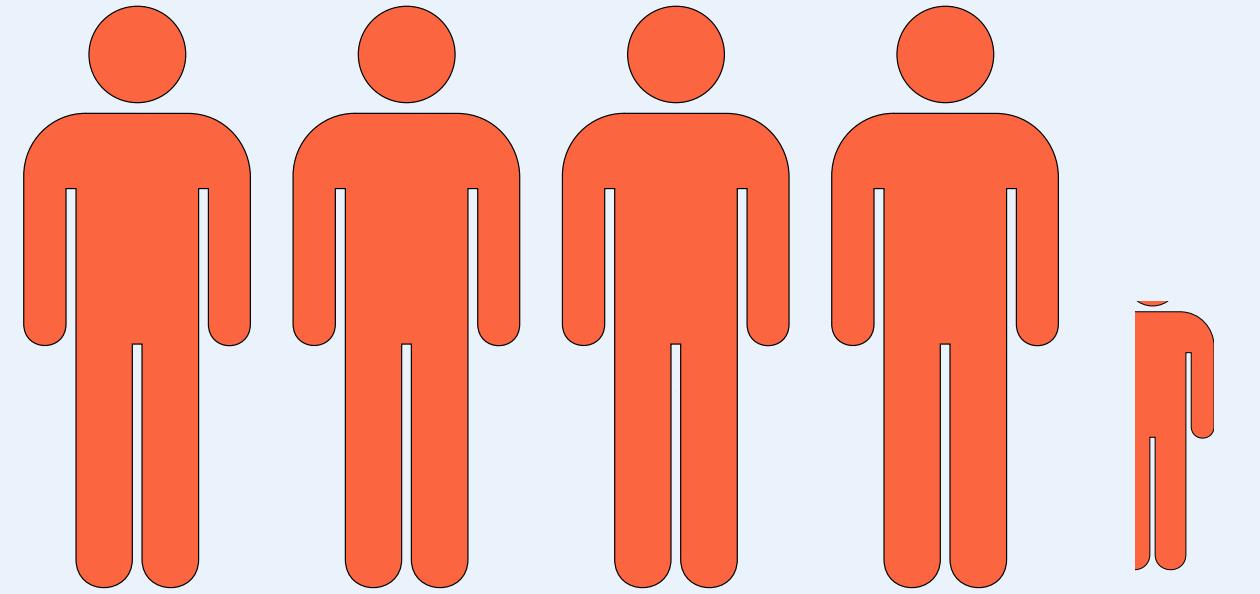
Occupation: Highschool senior in a public school

Demographics: Emily is an 18 year old female. She currently has no job, but is actively looking for one after she finishes highschool.

Personal Story: Balancing school, activities, and personal life is challenging for Emily. As she prepares to find work after high school, finding reliable sources amidst the abundance of online information is a struggle. She seeks tools to navigate this effectively.

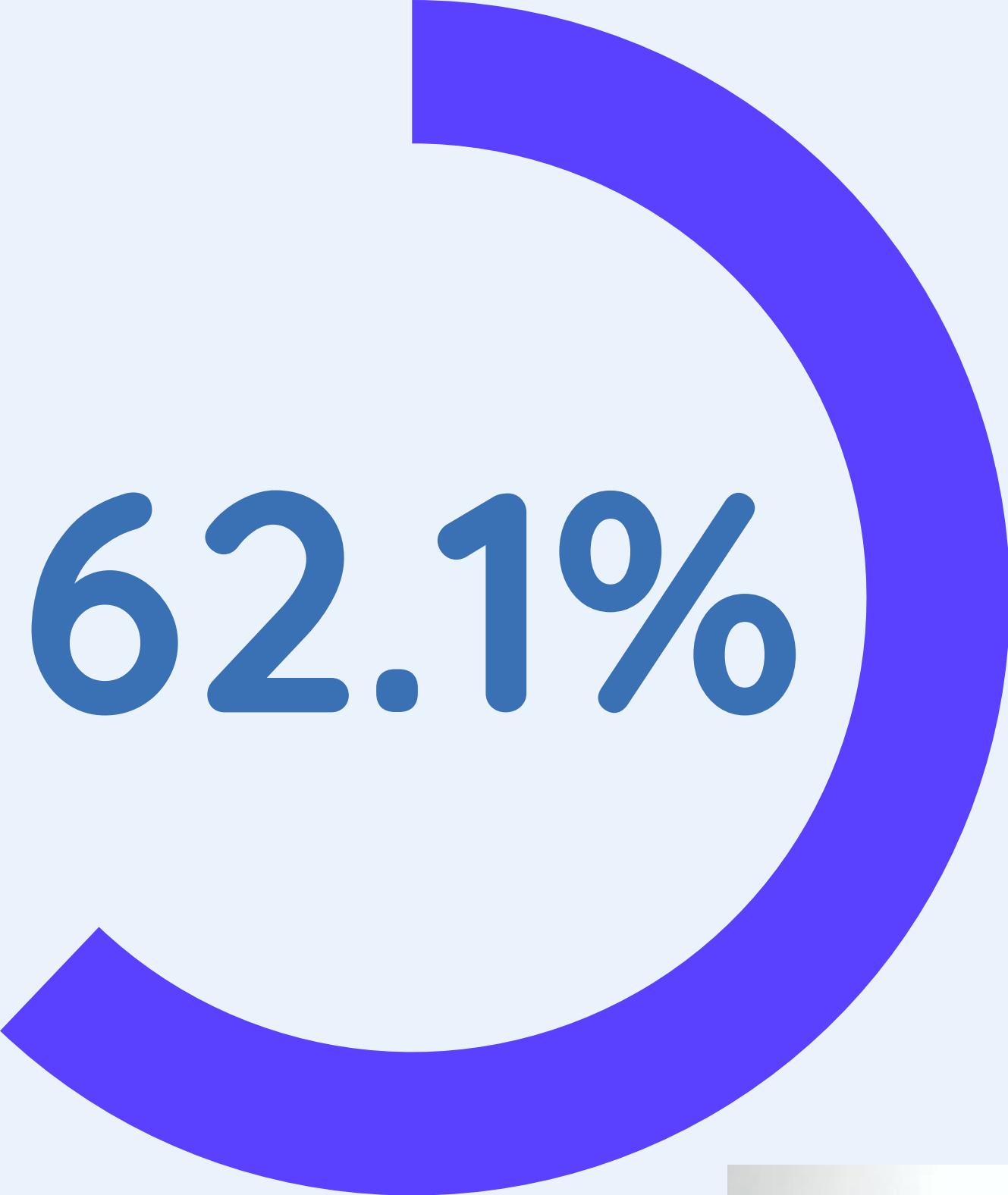
Pain Points: Limited exposure to real-world work environments, Lack of guidance in career, Difficulty in developing digital skills, Lack of experience





**APPROXIMATELY
ONLY 7 OUT
OF 10**

youths between the ages of 15-24 in South Africa
are unemployed.

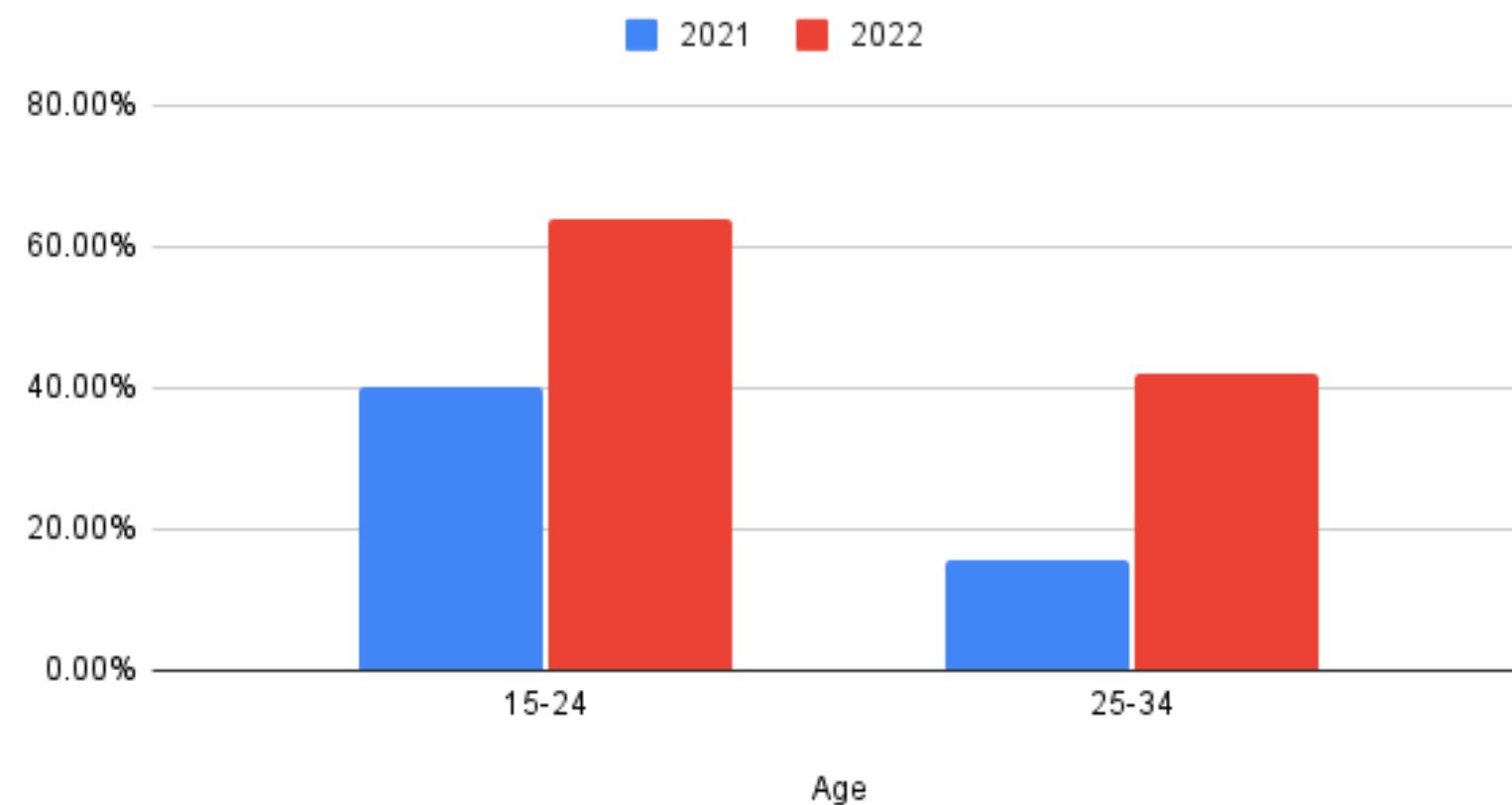


A donut chart with a blue border. The inner circle is white and contains the text "62.1%" in large blue digits. A thick blue wedge represents 62.1% of the total population.

62.1%



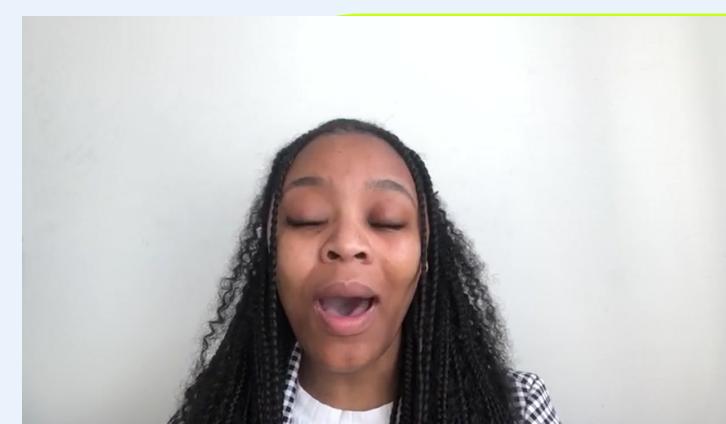
Unemployment rates in South African youth.



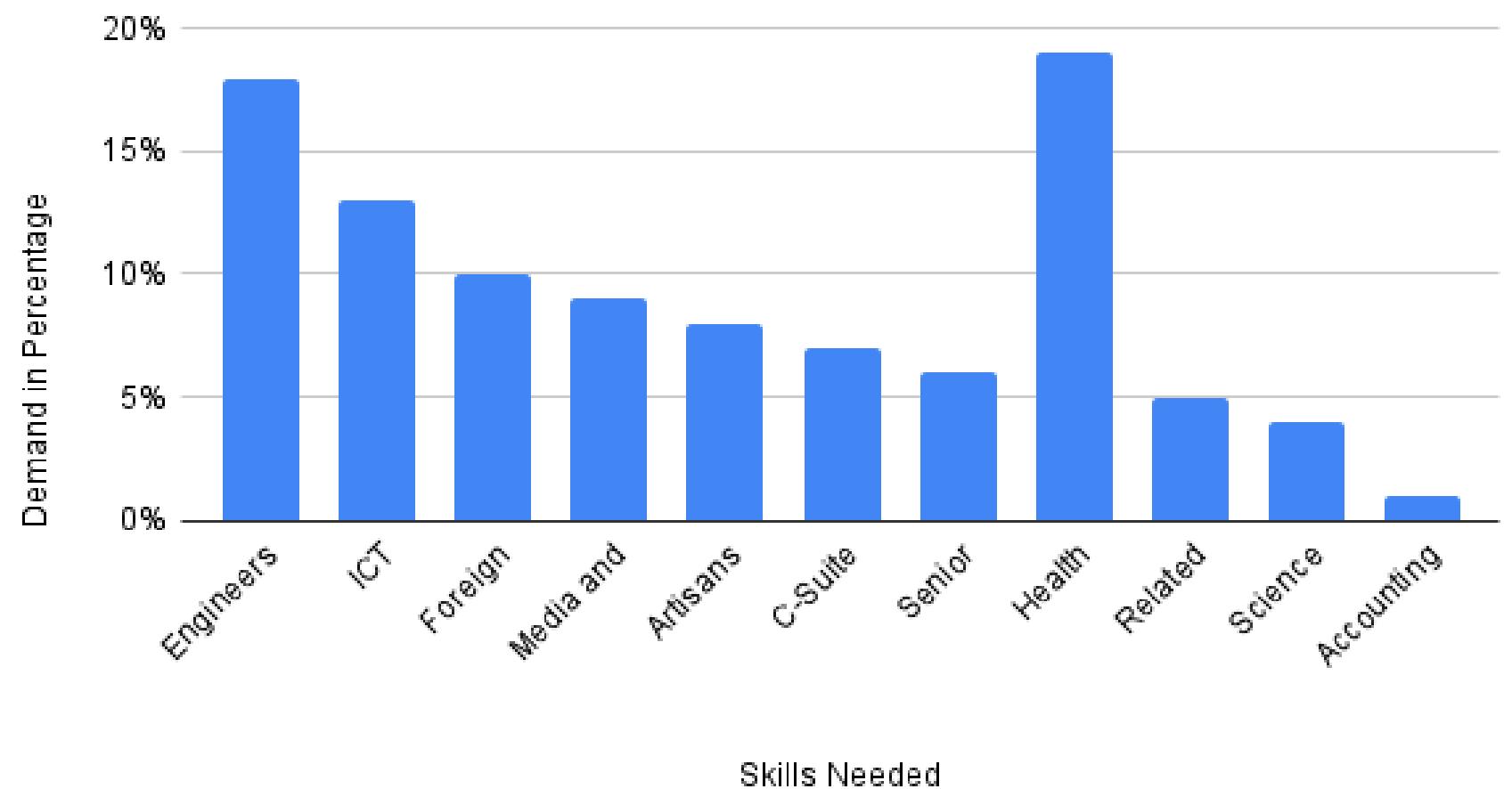
Source: Stats SA

Unemployment Rates

Unemployment rates within the targeted age group is ever increasing each year.



Skills Needed in South Africa in 2021



Skills Needed

There are currently over 370 occupations listed as scarce skills in South Africa.

Source: National Scarce Skills List of South Africa



Our Solution

Solution

We have designed an app that will give students access to mentorship and soft skills to help them with their career.

Effectiveness

We have seen other apps of similiar goals accomplish what they hoped for, therefore we are certain of reaching our milestones.

Why an app?

We aim to reach as many students as possible, since almost everyone has a cellphone, we want to use this to our advantage.



SOLUTION WIREFRAMES

Welcome page

1 - Company Logo : Image of a flying kite

2 - Email: The user will have to use their email address in order to sign in

3 - Password: The user needs to type in the password linked to their email address.

4- Sign in: Once the user has entered their email and password, they can then proceed to signing in.

5 - Forgot Password: If the user has forgotten their password, they can retrieve it.

6 - Sign up: If a user is new to the platform, they can create an account by signing up

WIREFRAME 1

Sign Up page

1 - First name: The user will need to enter their first name as listed on their identification document.

2 - Last name: The user will need to enter their last name as listed on their identification document.

3 - Email: The user will have to use their email address in order to sign in

4 - Password: The user needs to type in the password linked to their email address.

5 - Re enter password: The user will need to re-enter their password to verify if it was entered correctly.

6 - Sign up: Once the user has entered all the empty field they can then click on 'sign up'; to create their account.

WIREFRAME 2

Forgot Password page

1 - Email: If a user has forgotten their password, they will be instructed to enter their email address in order to retrieve their password.

WIREFRAME 3



SOLUTION WIREFRAMES

Profile page

1 - Certifications Once the user has completed a course, their profile will automatically be updated with their award certification.

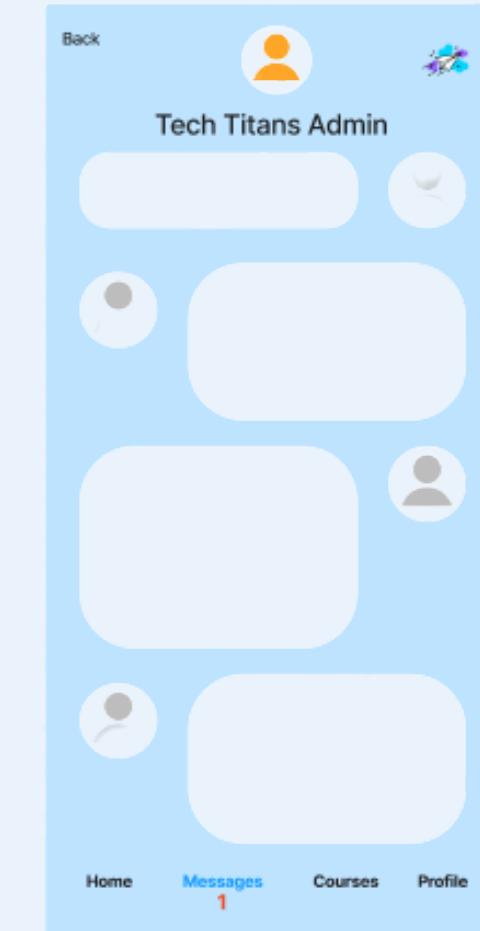
2 - CV Upload: Users will also be allowed to upload their CV on the app as well.



WIREFRAME 4

Message page

1 - Messages: Users will be able to be notified if there are any recruiters that have viewed their profile alongside any course or app related updates.



WIREFRAME 5

Home page

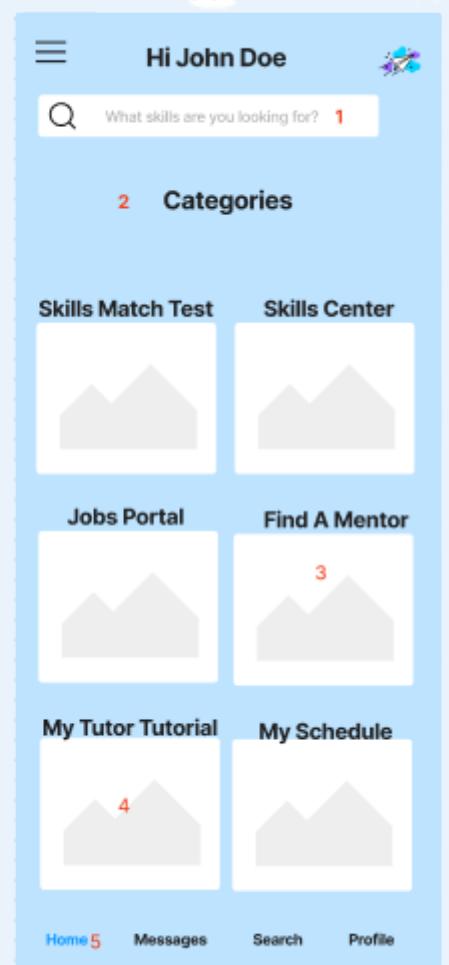
1 - Search bar : If the user isn't familiar with the app, they can enter any keywords related to the skills they are looking for.

2 - Categories: The user has a variety of categories to choose from such as; Skills Match Test, Skills Center, Jobs Portal, Find A Mentor, My Tutor Tutorial, My Schedule.

3 - Find A Mentor: In the event a user might need guidance they can reach out to a mentor for assistance. The mentor will be one that is an expert in their field.

4- My Tutor Tutorial: With students who are struggling with understanding the course work they can learn through watching tutorials .

5 - Navigation bar: If a user would to check which page they are on, they can take a look at the bottom on the page.



WIREFRAME 6



Pain Points

Limited Accessibility

Ineffective Mentorship

Feedback and Assessment Mechanisms

Our Actions

Courses can be learnt offline

Ability to give feedback to your chosen mentor

AI chat assistant and designated help section added



FUNDING

Building partnerships with schools and organizations while engaging with stakeholders

Promote the benefits and impact of our solution.

Expanding our reach to more secondary schools and communities

Ensuring that students from diverse backgrounds have access to our platform.



OUR WHY

TO EMPOWER THE YOUTH

BY EQUIPPING THEM WITH THE NECESSARY SKILLS
FOR THE FUTURE WORKFORCE WHILE PROVIDING
VALUABLE MENTORSHIP AND BRIDGING THE GAP
BETWEEN EDUCATION AND INDUSTRY DEMANDS.

TECH TITANS AFRICA

