



CODEJIKA.COM

OFFLINE CURRICULUM INTRO

*FRONT-END WEB DEVELOPMENT



OUR PRIMARY MISSION:

Inspiring hope.

WHAT WE ARE:

An African, youth-focused organization.

Enabling youth to dream of a better future by embedding technology into their plans.

SCHOOL CRITERIA:

1. Functional Computer Lab

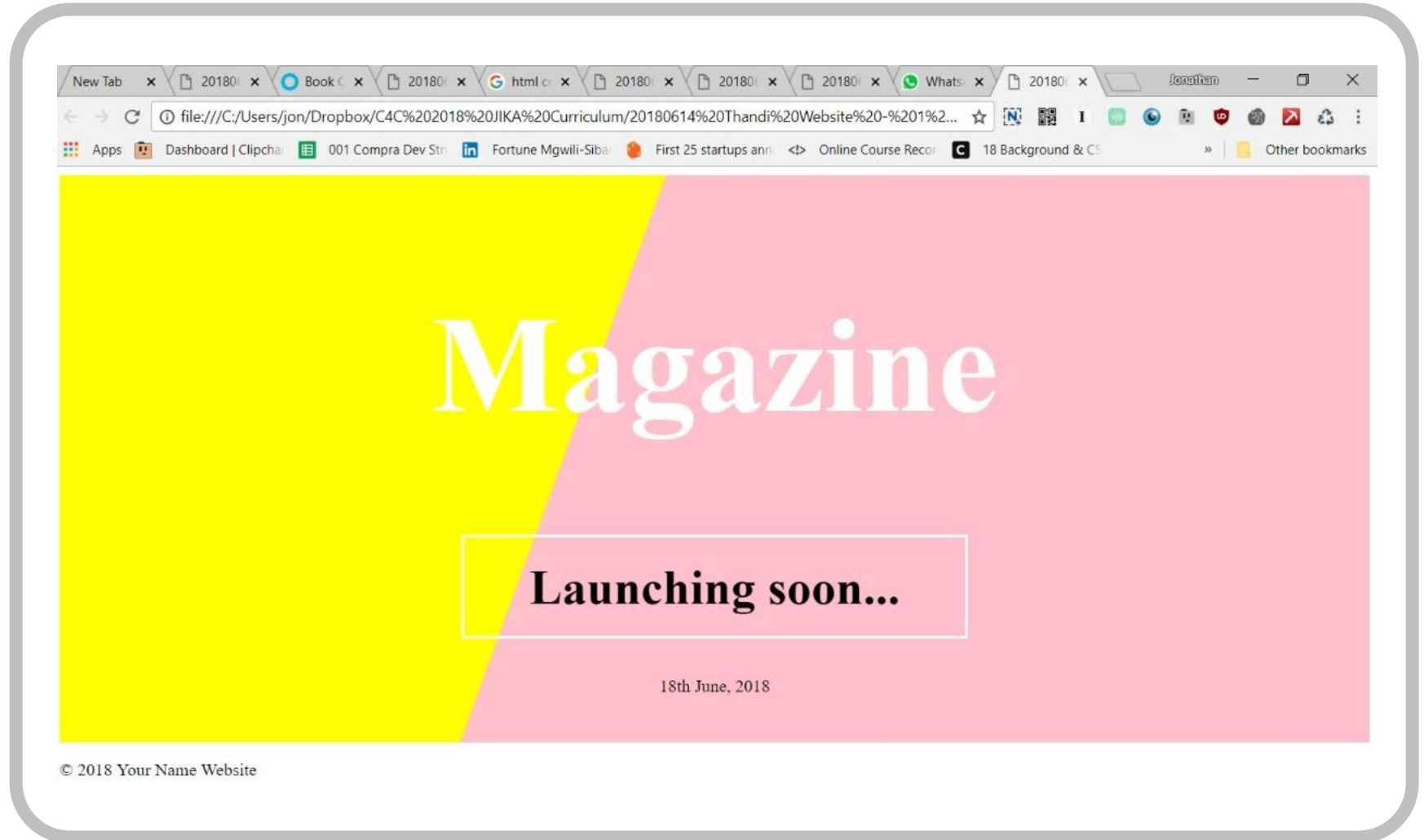
- A. PCs boot up - That's all.

2. Enthusiastic Management

- A. Schedule Classes for current or next term.
- B. Support Coding Activities & Club - After-school, visits & competitions.

10-MINUTE-WEBSITE | DEMO

Example: →
How the
10-Minute-Website looks
upon completion.



CURRICULUM | DEMO

REQUIREMENTS: PDF READER & NOTEPAD.

BRIEFING 1.1.2
border-radius:

border-radius:
Make a circle out of a square (50%)

50%

or add rounded corners. (

5%

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CONGRATULATIONS




You've finished
Training 3.

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WOW

You are on



CHALLENGE

STEP 1

WHERE:
Below section with
"Cards."

CODE:

Create a new <section>
with an <h2> sub-t...


```
<section>  
  <h2> MY ORDER FORM: </h2>  
</section>
```

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14

1.1.2

What's a DIV?



<div>
It's like a **magical stretchy container** &
you can put any type
of object in it.
</div>

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18



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EXAMPLE CURRIC SLIDES:

GET THE GIST ;)

1.1.2

START

Start by setting up the skeleton of your code.

TIP:

You learnt this in your last project.

```
<!DOCTYPE html>
```

```
<head>
```

```
  <style>
```

```
  </style>
```

```
</head>
```

```
<body>
```

```
</body>
```



CHALLENGE

STEP 3

CODE:

Add a simple blue border to
<header>.

Like this:

```
border: solid blue;
```


GREAT JOB!

You'll be a pro in no
time!



FABULOUS!

Now your code looks
bomb...

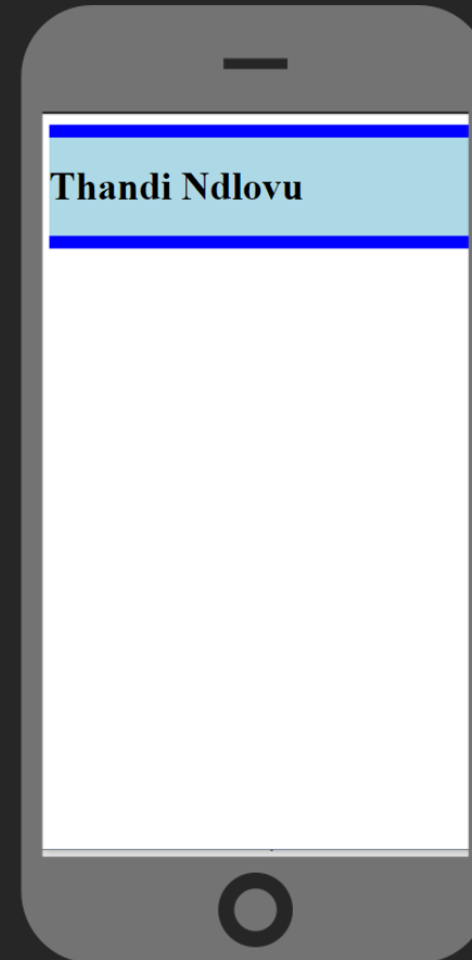


CHECKPOINT WEB VIEW

CHECKPOINT

Your code should look something like this:

WEB CHECK:



CHECKPOINT

Your code should look like this:

```
<!DOCTYPE html>
<head>
  <style>
    header {
      background: lightblue;
      border: solid blue;
      border-width: 10px 0px 10px 0px;
    }
  </style>
</head>

<body>
  <header>
    <h1>
      Thandi Ndlovu
    </h1>
  </header>
</body>
```

Did you know?

The best way to learn how to
code is **with friends**?



When it gets complicated you can help
each other.

QUIZ

1. 2.



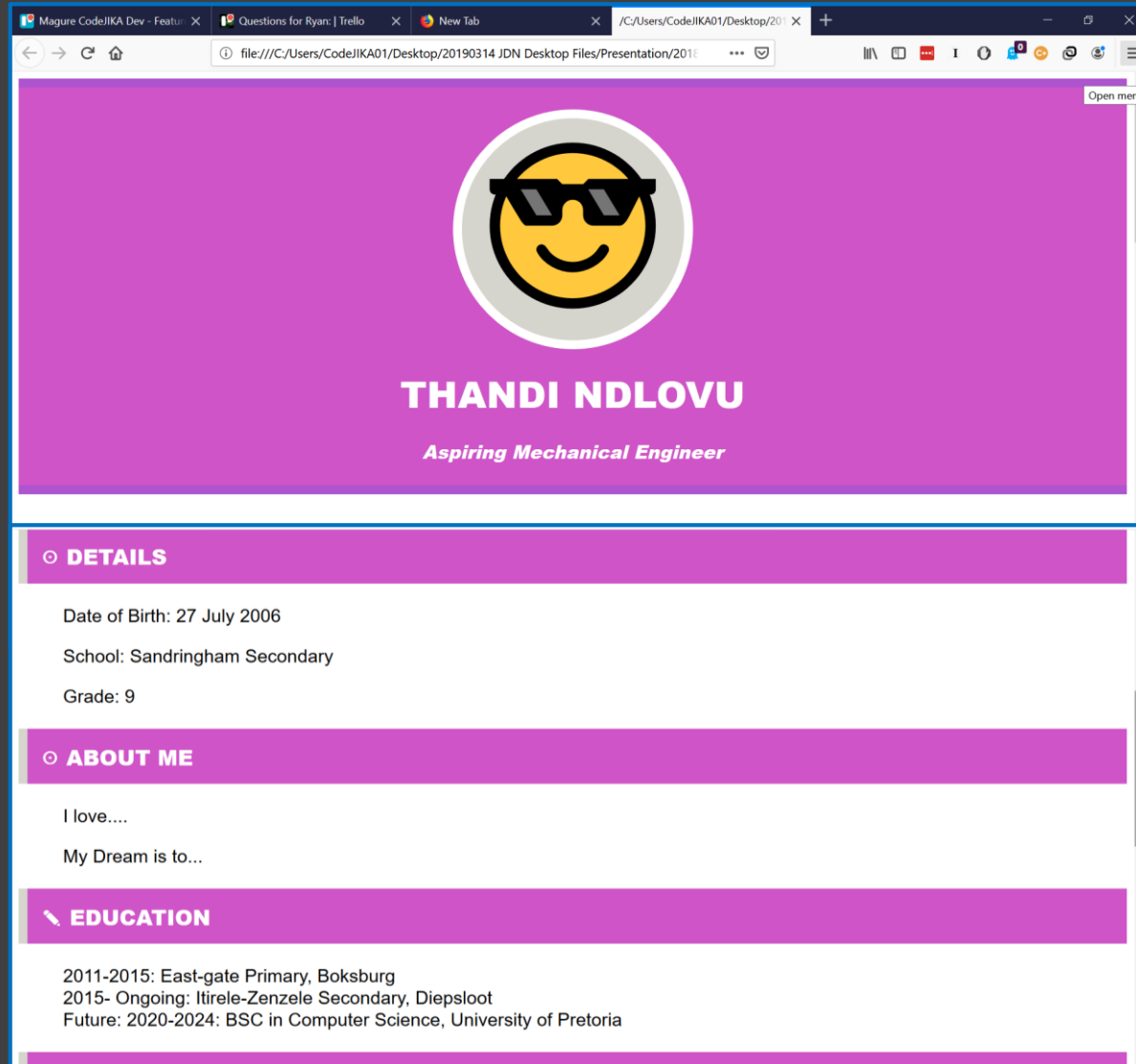
PREVIOUS ANSWER: B.

QUESTION 2.1.2

How do you link CSS styles to content in the HTML structure?

- A.
- B.
- C.
- D.

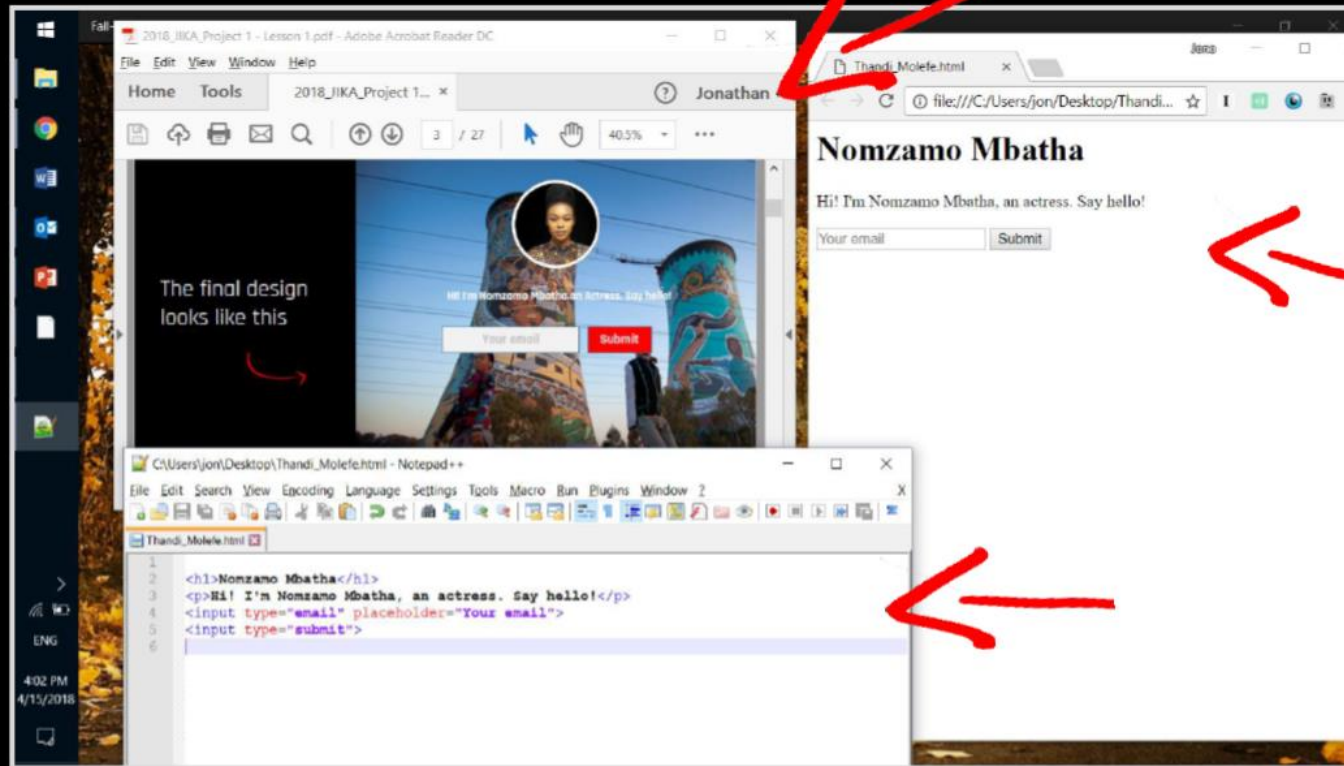
PROJECT 2 OUTCOME: MY WEB CV



SETUP YOUR DESKTOP:

Write code in the notepad and see the output the browser.

Slides - ADOBE READER



Preview -
BROWSER

Editor - NOTEPAD++



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FO
CHANGE

MAKING WEBSITES
ITHEMBILIE SECONDARY SCHOOL, TEMBISA



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IDEOLOGY & STRUCTURE

I GOTCHU!

PROJECTS | OVERVIEW 1 - 6

PROJECTS OVERVIEW:

1. Simple Landing Page // 4 Sessions | 90 Minutes

2. CV Website // 6 Sessions | 2.5 Hours

3. Simple Biz Website // 6 Sessions | 2.5 Hours



4. JavaScript OrderForm // 4 Sessions | 3 Hours

5. Styling your Website // 4 Sessions | 3 Hours

6. Basic Business Website // 5 Sessions | 4 Hours



<Certificate>
Milestone
Project

REQUIREMENTS: PDF READER & NOTEPAD.

CURRIC | Born Different?

1. For FREE
2. For Teens
3. For Offline
4. For Remote
5. For self-learning
6. For low-tech-savvy learners

Simplified Concepts:

Think of tags as taps.
If you **open** a tap (tag)
close it.



Designed as a “Student-driven afterschool program”...
...but works even better as a scheduled high school vocational elective.

CURRIC | Practical Outcomes

1. Learn & Build
2. Non-technical Terms
3. Ignoring non-essential elements. (Example: Periodic Table)
4. Outcomes are creative & unique for each learner.
5. Micro-Projects with fast feedback.

Simplified Concepts:

BRIEFING 1 of 2 1.1.2

<div> Tag

What's a
DIV?



<div>
It's like a **magical stretchy container** &
you can put any type
of object in it.
</div>

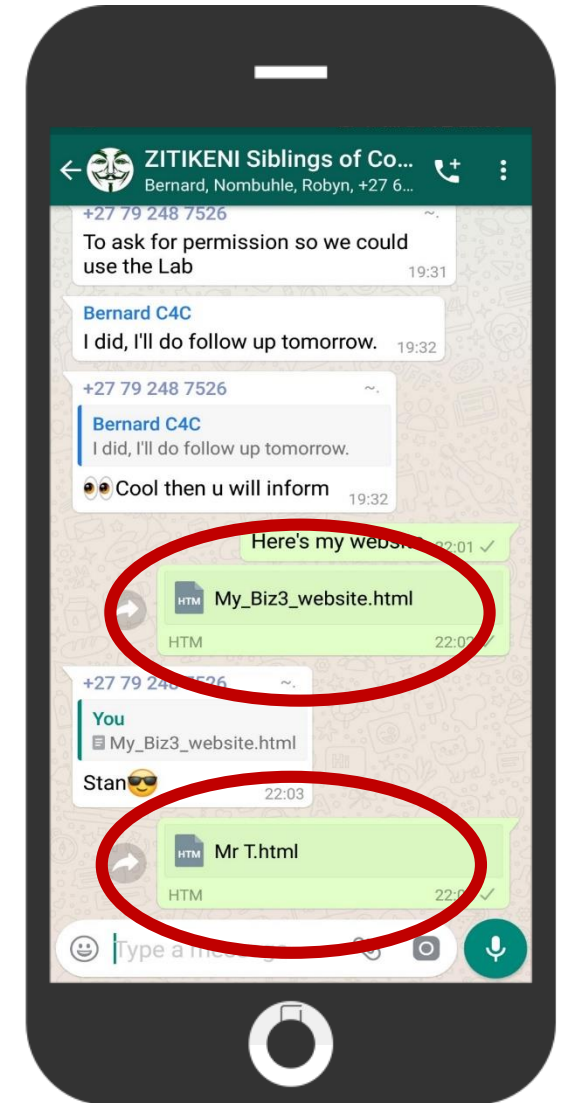
CURRIC | Why not images?

1. Multiple learners use the same device & break graphic links.
2. Distraction from core coding skills.
3. The size of web dev projects increases.
4. Viruses when transferring or downloading images.
5. Send/view complete HTML project on any phone.
6. Replacement: Browser embedded emojis.

Example: #x1F60E = 🕶️

Note: Images are taught in Project 4.

Sharing HTML on WhatsApp



CURRIC | Not pure coding

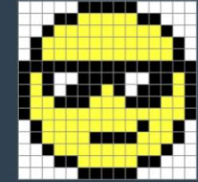
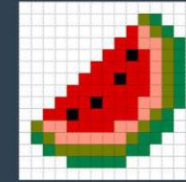
Low-tech-savvy learners need to understand:

1. How to save files.
2. What are pixels.
3. What are fonts?

We make sure learners don't get stuck because of terminology or simple misunderstandings.

PIXELS

A pixel is like a **dot of colour**.



Thousands of tiny pixels make up an image.

FONTS

Do you see the differences?



OUTCOMES | Relentlessly Brainwash

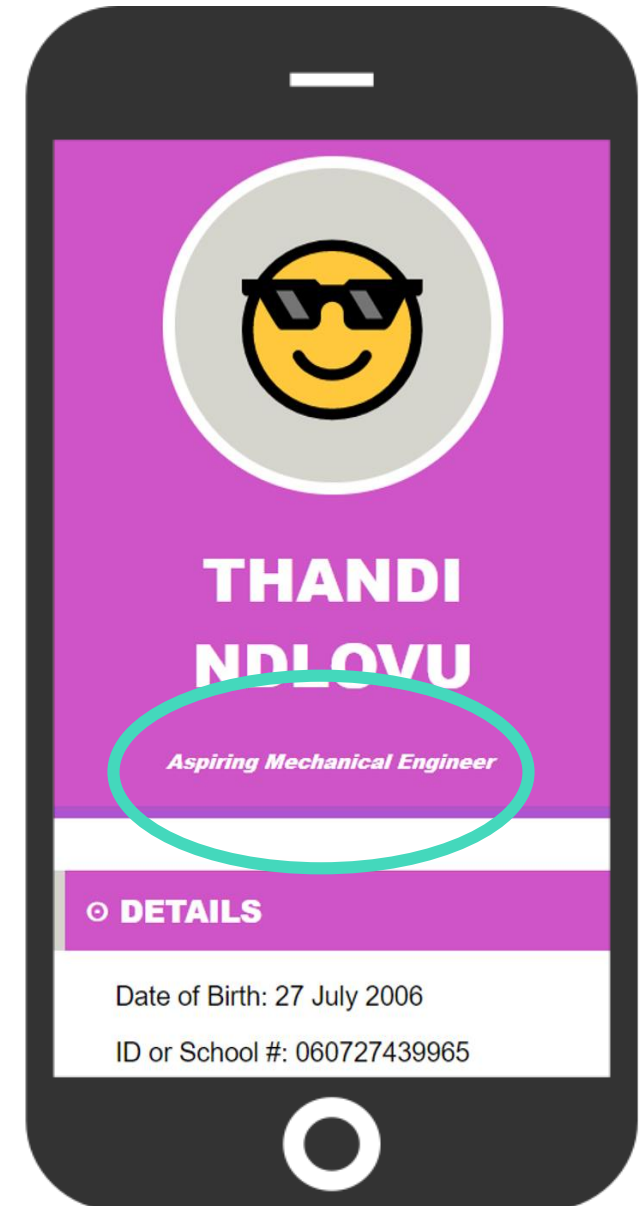
Project 2: Create a CV

- Tell us your dream?
- Think about what job you want.
- What are you good at?

Project 3: Business Website

- Learn how to market?
- Learn how to explain products & services.
- Understand the needs of a client.

Note: Learn parallel skills. Dream. Help others. Do good.



OUR DREAM:

SHORT-TERM VISION:

TO SEE 15 YEAR OLD KIDS MAKING
MONEY FROM WEB DESIGN, WHILE IN
SCHOOL.



10 -YEAR VISION:

A LARGE POOL OF CONFIDENT, ETHICAL DEVELOPERS
INCREASING THE COMPETITIVENESS OF SOUTH AFRICAN
INDUSTRY AND SMES.



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CHANGE

JUST DO IT!