LIFE AFTER COVID-19

COVID-19 affection in the educational environment

ABSTRACT

COVID-19 has affected our educational system. In this document we will focus on how the school management team can adapt to this crises.

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HOERSKOOL VOORTREKKER

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Introduction

1. ## What is the problem?
    The problem is that the Covid-19 has stopped many operations, which in this case we will be focusing on Educational sector. Coronavirus is a disease known as COVID-19 it is a disease caused by coronavirus that can be easily spread from person to person. Early march our educational sectors had to shut down due to the rise of infections. Most of the Schools have drastically struggled to operate due to less sanitation and as they do not have equipment such as ICT devices. School will have to maintain a safe social distance and make sure learners are wearing a mask.

2. ## What was the purpose of the investigation?
    We have to interact and find as many possible solutions schools can use to adapt/overcome the Covid-19 crises. My target audience are the school management team. The school needs to apply any creative Information and communications technology(ICT) devices such as Smart phone applications like WhatsApp, Zoom, and Gmail (to gather all leaners email address and create a BCC). Students have learned and developed a positive skill on how to keep up with the work. The communities are also involved in this crises they have been encouraging to the youth to always wear a mask in public areas.

3. ## Which aspects did you investigate?
    I have conducted a set of questionnaire that gathers information on how different learners from different educational sector from schools, universities, colleges etc. Most of the Schools have managed to implement some ICT devices while other school struggle due to financial implications. I have investigated on using technology in life after Covid-19.

Task Definition

What is the current situation?

COVID-19 is a new trend, as it has affect the education system. Most of the school closed down when COVID-19 virus affected our county. *"As the COVID-19 virus spread from late 2019 into 2021, governments limited large gatherings and advised people to practice social distancing. Restrictions caused by efforts to limit the spread of the virus changed practically every part of life and the way things used to be. Some sectors and individuals have implemented creative ICT solutions to adapt to new situations caused by the crisis. Us as the CAT learners have to conduct some research and look at how certain sectors are adapting by doing things differently."*

What will be the focus and purpose of my investigation?

"To discover more about the innovative ICT solutions or opportunities that arose in response to the Corona-virus crisis and challenges", on this PAT we will focus more on the Education sector how schools, universities, colleges, learning resources were affected and bounced back from the disease Corona virus.

Investigation considering all the PAT requirements?

I will do a research based on the topic life after COVID-19, my data will be captured using the following software's: Microsoft Word processing software for typing information, Microsoft Excel spreadsheet for calculations, Notepad + + for HTML and a web browser to find relevant information based on the PAT.I am going to use internet and blog.

Who is the target audience?

My target audience is the school management and the government. In this PAT we'll focus on solutions such as how can the school management adapt to this virus in school premises during the COVID-19 pandemic. We as the learners should be able to use ICT systems and work together.

Focus question

How has COVID-19 affected our educational system?

Discussion and Analysis (body)

BACKGROUND INFORMATION
..\..\NYAMUKUSA E_Phase 1\Sources\(Source 3)The rise of online learning during the COVID-19 pandemic _ World Economic Forum.pdf

POSSIBLE SOLUTIONS
..\..\NYAMUKUSA E_Phase 1\Sources\(Source1)Tips to prevent spread of Coronavirus in schools _ SAnews (1).pdf

- Wear a mask which covers your nose and mouth
- Keep a safe social distance
- Make sure you use hand wash frequently
- Implement ICT devices
- Reach out to government for sponsorship

CHALLENGES & RISK
..\..\..\NYAMUK~2\NYAMUK~1\Sources\CHALLE~1.PDF

- Lack of sanitation
- Small venues can accommodate few leaners
- Not all leaners can get internet access
- Equipment's required may not be available

Findings

On this graph you will find information based on how much the educational sector has lost during this crisis. Most participants choose R30 000-40 000 as they have not done their research.

HOW MUCH HAS THE EDUCATIONAL SECTOR LOST

	R30 000-40 000	R1 000-20 000	R20 000-30 000
□	11	8	5
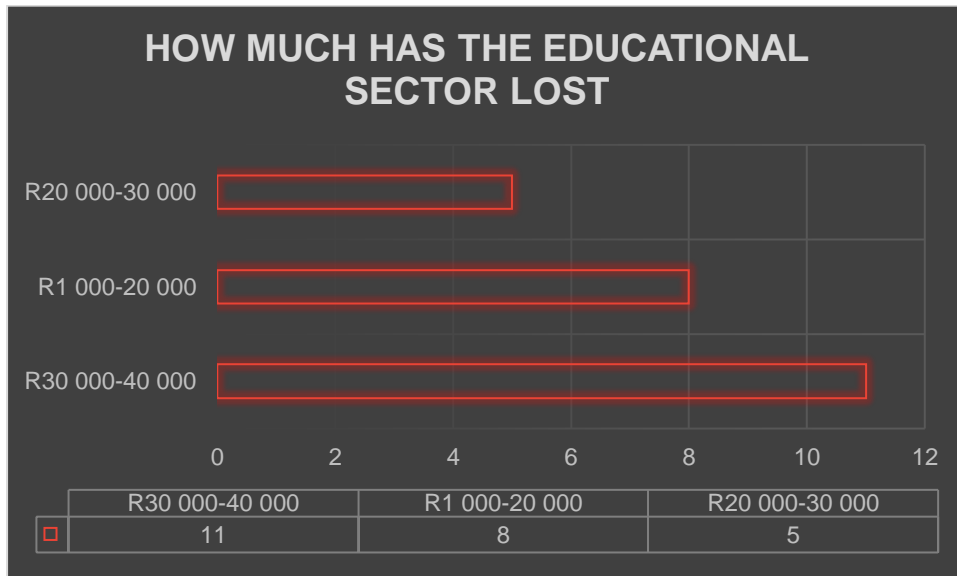
Graph 1

In this Pie chart below information is presented on the type of symptoms, most of the candidates that participated in my questionnaire have experienced "cough "which can be caused by weather change

Recommended Regulations

- Non of the above 21%
- Fever 17%
- Shortness of breath /difficulty breathing 12%
- Cough 33%
- Sore throat 17%
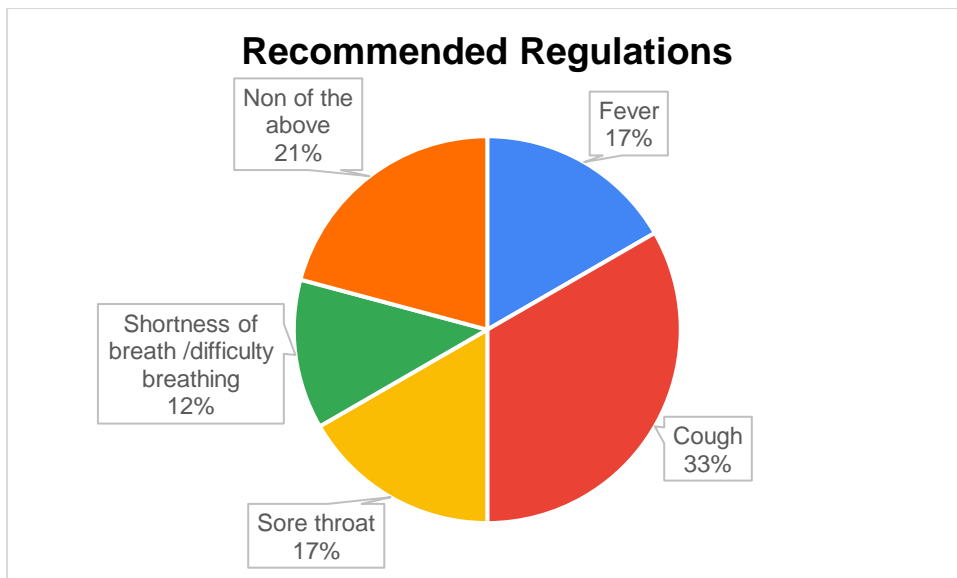
Graph 2

Schools have implemented regulations such as keeping a safe social distance, stay home if you feel unwell. In this graph below we will see how different leaners, in different schools rate their schools on how strict are Covid-19 regulations implemented.
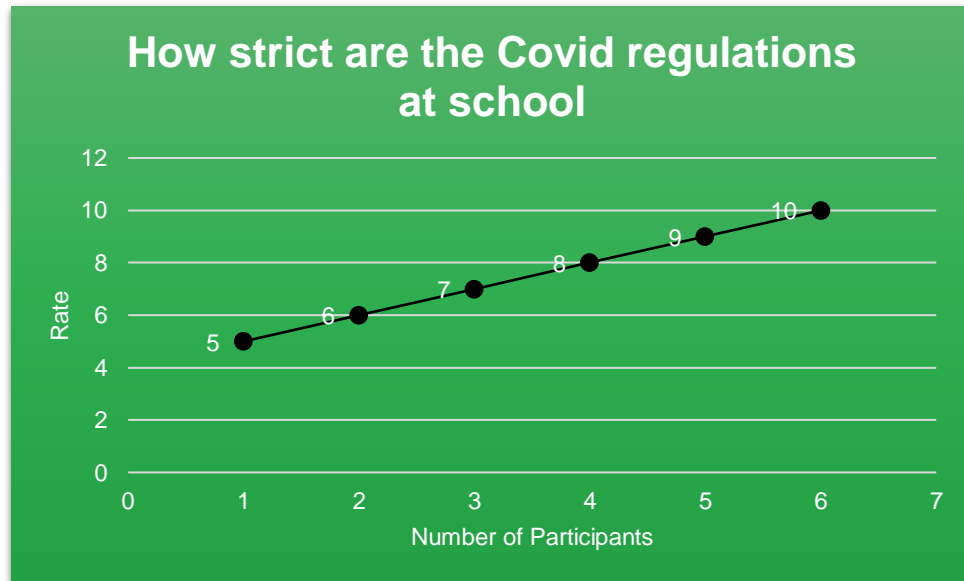
Graph 3

Conclusion

School have used innovative ICT solution. Although the Coronavirus crisis has reshaped the world for our educational sector, schools have managed to reach as many learners as possible so they can continue to work using ICT devices at home/school while we're still in a lockdown/Pandemic.

Conclusion

Bibliography

Cathy Li & Farah Lalani, 2020. *Google chrome.* [Online]
Available at: https://www.weforum.org/agenda/2020/04/coronavirus-education-global-covid19-online-digital-learning/
[Accessed 13 April 2021].

WHO, 2020. *Google Chrome.* [Online]
Available at: https://www.youtube.com/watch?v=i0ZabxXmH4Y
[Accessed 23 March 2021].

World Health Organisation, 2020. *Google Chrome.* [Online]
Available at: https://www.sanews.gov.za/south-africa/tips-prevent-spread-coronavirus-schools
[Accessed 2020 March 2021].
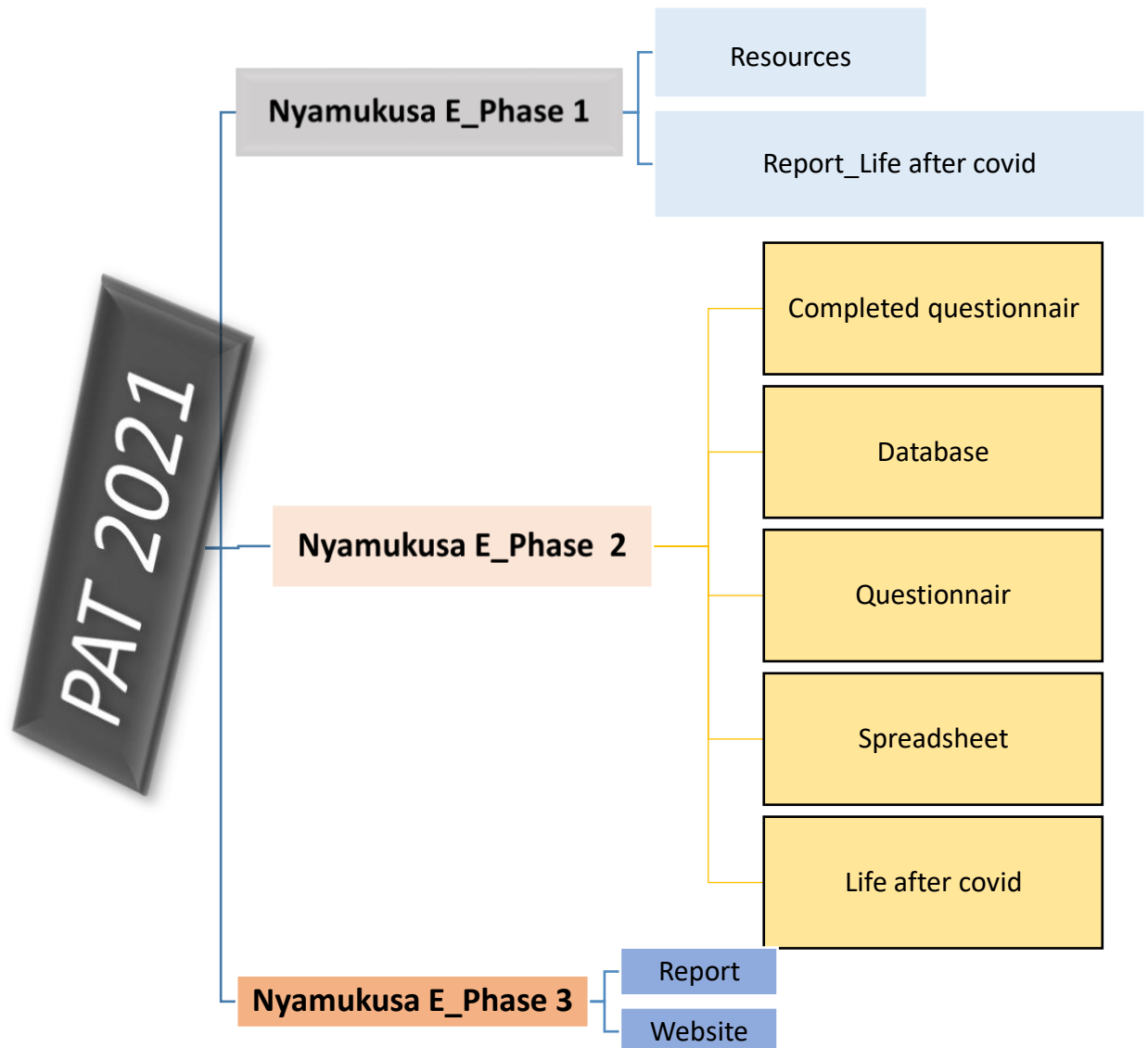
Appendices

Folder structure

Figure 1:folder structure

ADDENDUM 2 SOURCE TABLE

Research question:

Table 1:Research question

No	Question	Question Level	Category	Type of Source	Summary of Information found
1	How did the COVID pandemic impact the education sector since the start COVID 19?	Level 1	Background	Internet	This website discusses the impact of COVID-19 on schooling system.
2	Ways to comply with COVID 19 in the school premises?	Level 2	Solution	Internet	This website focuses on the prevention of the COVID-19 in schools.
3	What recommendation should school consider for teachers?	Level 4	Solutions	internet	On this web page they focus more on Guidelines for educators in the classroom how maintain social distance and how to help a leaner in a classroom.
4	Why should learners and school management have a sanitizer and mask?	Level 2	Background	YouTube	Review about the implemented regulations in schools.
5	What should schools do during an outbreak of the COVID-19?	Level 2	Impact	internet	In this website the focus is more on the terms and conditions schools should apply during an outbreak of COVID-19.
6	What are some protective measures to prevent COVID-19 transmission?	Level 3	Solution	internet	This website gives us tips on how to follow the safety measures.

7	What are the cost of the materials needed for the school to operate?	Level 4	Cost	internet	On this website financial implications are discussed.
8	What if a child gets infected in school premises by COVID-19?	Level 3	Problem	internet	Where and how should a child be helped if he gets infected by COVID-19
9	What is the COVID-19?	LEVEL 4	Background	YouTube	On this video we get a basic review and background about what is the covid-19.

Bibliographical information

Bibliographical information		Quality of information		Summary of source
Source 1				
Authors	World Health Organization	**Authority**	University degree	{Summary}
Name of website	SAnews	**Currency**	23 March 2020	
Date created	11 march 2020	**Accuracy**	Accurate	
Date accessed	23 March 2020	**Objectivity**	No objectivity	
URL	https://www.sanews.gov.za/south-africa/tips-prevent-spread-coronavirus-schools	**Coverage**	Problem&Background	

Table 2:Source 1

Bibliographical information		Quality of information		Summary of source
Source 2				
Authors	World Health Organization	**Authority**	University degree	{Summary}
Name of website	YouTube	**Currency**	15 June 2020	
Date created	15 June 2020	**Accuracy**	Accurate	
Date accessed	23 march 2020	**Objectivity**	No objectivity	
URL	https://www.youtube.com/watch?v=i0ZabxXmH4Y	**Coverage**	Solution&Recommendations	

Table 3:Source 2

Bibliographical information		Quality of information		Summary of source
Source 3				
Authors	Cathy Li& Farah Lalani	**Authority**	Master's level university degree	{Summary}
Name of website	We Forum	**Currency**	Published on 29 April 2020	
Date created	29 Apr 2020	**Accuracy**	Uploaded at the beginning of COVID-19	
Date accessed	13 Apr 2021	**Objectivity**	No objectivity	

| URL | https://www.weforum.org/agenda/2020/04/coronavirus-education-global-covid19-online-digital-learning/ | **Coverage** | Background&infomation | |

Table 4:Source 3

Declaration of authenticity

GAUTENG PROVINCE
EDUCATION
REPUBLIC OF SOUTH AFRICA

COMPUTER APPLICATIONS TECHNOLOGY

PAT – 2021

DECLARATION OF AUTHENTICITY

NAME OF THE SCHOOL	Hoërskool Voortrekker
NAME OF LEARNER	Edson Nyamukusa
NAME OF EDUCATOR	T Voster

I hereby declare that the contents of this assessment task are my own original work (except where there is clear acknowledgement and appropriate reference to the work of others) and that I have not plagiarized, copied from someone else or used work previously submitted for assessment by anyone.

_____E.N_____   21 April 2021
SIGNATURE OF CANDIDATE   DATE

I hereby declare that, to the best of my knowledge, the work assessed is solely that of the learner (except where there is clear acknowledgement and record of any substantive advice/assistance given to the learner) concerned and that the work was conducted under supervised/controlled conditions to ensure that it has not been plagiarized, copied from someone else or previously submitted for assessment by anyone else.

_____   _____
SIGNATURE OF EDUCATOR   **DATE**

SCHOOL STAMP