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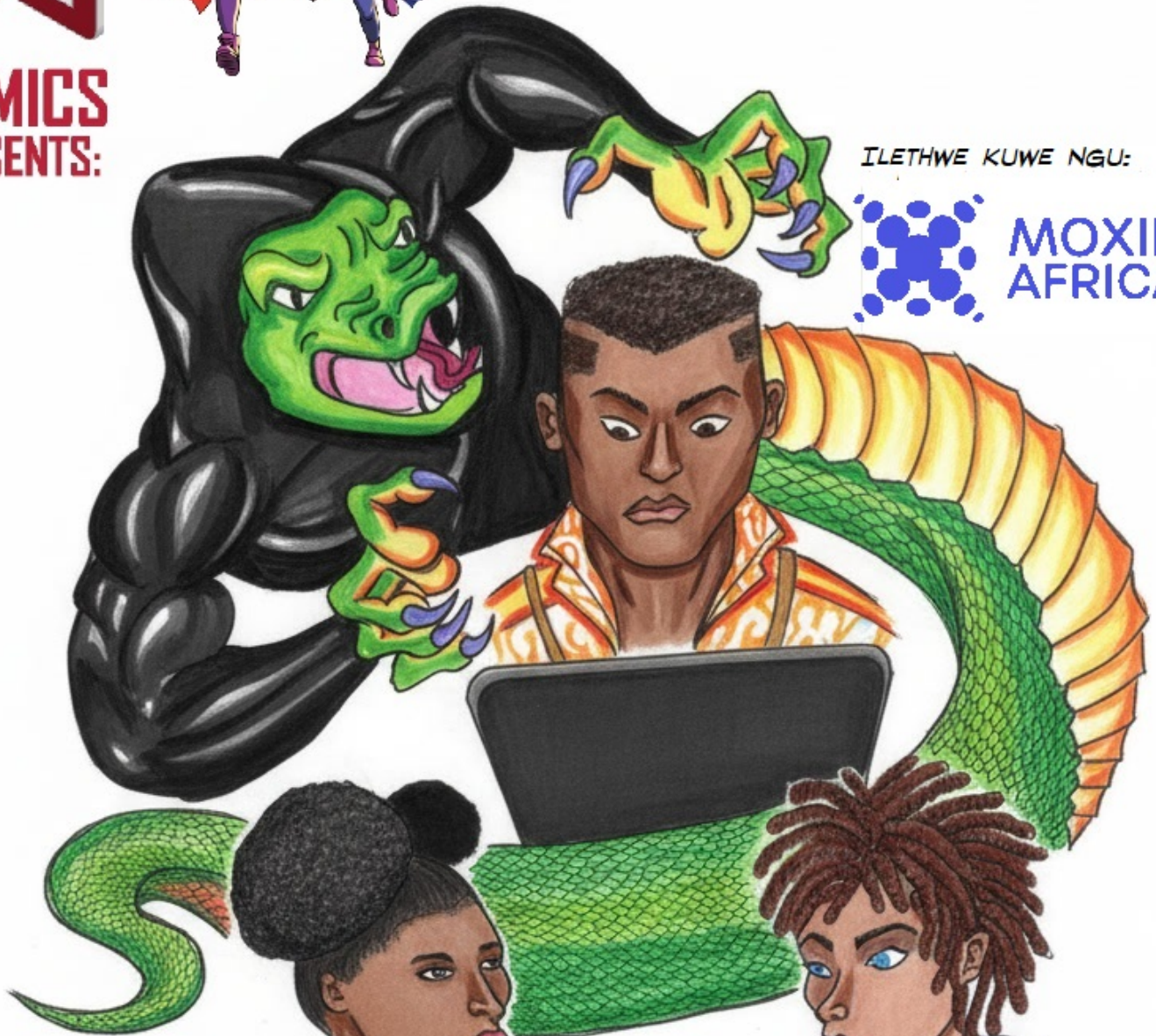
COMICS
PRESENTS:

Incwadi Yamahlaya Umthamo wesine- 4

ILETHWE KUWE NGU:



**MOXII
AFRICA**



IBHALWE NGU:

ASHER LUNGELO NDLOVO,
ATHLONE GIRLS HIGH SCHOOL,
GRADE 9
ORATILWE MOGOTSI, MCAULEY
HOUSE SCHOOL, GRADE 10
NTINSTWALO AMAHLE MULANGENI, JEUGLAND
HOERSKOOI, GRADE 10
NATALIE NJENGA, MCAULEY HOUSE SCHOOL,
GRADE 10
BOHLOKWA MZAMANE, KGOETHALANG SECONDARY
SCHOOL, GRADE 9
MOLAI MATSAU, ST MATTHEWS SECONDARY
SCHOOL, GRADE 10
NALEDI MATOLA, MCAULEY HOUSE SCHOOL,
GRADE 10
OMPHILE NYONI, ST MATTHEWS SECONDARY
SCHOOL, GRADE 10
OMPHILE PHETO, MCAULEY HOUSE SCHOOL,
GRADE 10

UKUDWEBE NGE:
ADVOCATE GUSHWELL F. BROOKS

**Amanga
Aphelele:
Ukudalula
Ulwazi
Olungamanga**

U-AMAHLE EMBHEDENI WAKHE ECWEBA
IZINYEMBEZI...



APHEFUMULELE PHEZULU ABUKE UCINGO LWAKHE...



U-AMAHLE UCABANGA NGOBUSUKU OBAMCASULA
KANGAKA...



ENGAZI U-AMAHLE, KAMUYA NGALOBO BUSUKU,
UTHABANG UHLEHLELA EKAMELWENI LAKHE...
ENAMAHLONI FUTHI EVULELA U-A.I WAKHE
AMTHANDAYO. BOT, RINGO A.I....



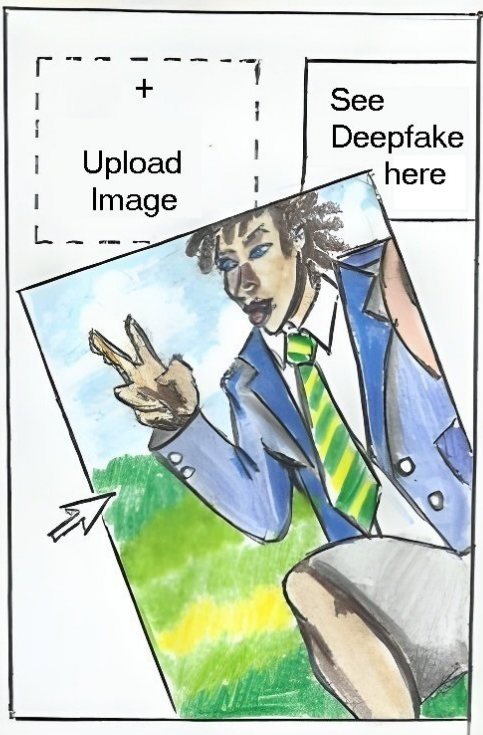
**INCAZELO
EBALULEKILE:**

I-AI-BOT UHLELO
LWEKHOMPHYUTHA
OLUQHUTSHWA
UBUHLAKANI
BOKWENZIWA
OLUNGAXOXA,
LUPHENDULE,
FUTHI LULUNGISE
INGXOXO
NJENGOMUNTU. EZINYE
IZINHLELO
ZOKUSEBENZA ZE-AI
ABANTU
ABAZISEBENZISAYO YI-
CHATGPT, I-CO-PILOT
KANYE NE-GEMINI.



**INCAZELO
EBALULEKILE:**

AMA-DEEFAKE
AMAVIDIYO,
IZITHOMBE NOMA
IZIQESHANA
ZOMSINDO
EZENZIWE
NGOBUHLAKANI
BOKWENZIWA
UKUZE ZIBUKEKE
ZINGOKOQOBO.
ZIVAME
UKUSETSHENZISELW
A UKWETHULA
NGAMABOMU
INTO ETHILE
NJENGENGOKOQO
BO, ENGADUKISA
ABANTU.



NGAKUSASA ESIKOLENI, UTHISHANHLOKO OJULUKILE,
NOTHUKUTHELE, UKHULUMA EMHLANGANWENI...

MANJE NJENGOBA INKUMBULO ISIBUYEKEZIWE,
SIBUYELA EKAMELWENI LIKA-AMAHLE OKWAMANJE...



NGISHAQEKILE
NGOKUZIPHATHA OKUBI
OKUBONISWE KULE VIDIYO
NGOMUNYE WABAFUNDI BETHU.
LOKHU AKUSEKELI
IZINDINGANISO ZESIKOLE

SETHU FUTHI AKWAMUKELEKI.
UKUZIPHATHA OKUNJALO
KUZOBHEKWANA NAKHO
NGOKUFANELE.



Angazi nokuthi le vidiyo yadalwa
kanjani ngoba angizange ngisho lutho
lwalezo zinto. Manje wonke umuntu
esikoleni ukholelwa ukuthi kuyiqiniso
nokuthi ngingumuntu omubi
kakhulu.

Kulungile mngani, ngikholwa
ukuthi mina nawe siyazi
ukuthi leyo vidiyo ayilona
iqiniso. Ngiyamazi umuntu
ongasisiza - amaWeb
Rangers.



USIYANDA UVULA I-A.I.-
POWERED NECKLACE
YAKHE...

BHEKA
UMAYA,
UQAPHILE
KASIYANDA!!!

I-WEB RANGERS IXHUMANISA
NOSIYANDA NGEHOLOGRAM...



KUNEVIDIYO ENGAMANGA YOMINGANE WAMI
ESAKAZEKA KU-INTHANETHI EMKHOMBISA
EKHULUMA IZINTO EZIMBI NEZILIMAZAYO
NGABANYE ABAFUNDI ESIKOLENI.
UTHISHANHLOKO UYIBONILE LE VIDIYO
KANTI UMINGANE WAMI USENKINGENI
ENKULU MANJE, AKAKAZE EZE ESIKOLENI
SELOKHU LE VIDIYO YASAKAZEKA BANZI...
SIDINGA USIZO LWAKHO UKUSUSA LE
VIDIYO BESE SITHOLA IMBANGELA...



I-WEB RANGERS INGENA ESENZWENI...
IHLAZIYA IVIDIYO NGOKUTJULILE...



INCAZELO EBALULEKILE:

ULWAZI OLUNGESILO IQINISO LUWULWAZI
OLUNGAMANGA, OLUNGANEMBILE, NOMA
OLUDUKISAYO OLUKLANYWE,
OLWETHULWE FUTHI OLUKHUTHAZWA
NGENHLOSO YOKULIMAZA UMPHAKATHI.

BHEKA U-ENZO...
UYAYIBONA I-WATERMARK
EFIPHELE? "IKHIQIZWE NGU-
RINGO-A.I."



SIPHENYE OKUTHILE FUTHI NGEMVA
KOKUHLOLA NGOKUCOPHELELA
SITHOLE UPHAWU LWE-WATERMARK
OLUFIPHELE KUVIDIYO OLUKARINGO,
E-AI, ODUME NGOKUDALA
OKUQUKETHWE OKULIMAZAYO NOMA
OKUYINGOZI. LOKHU KUSOBALA
UKUTHI KUWULWAZI OLUNGAMANGA



LELO GAMA LIBONAKALA LIJWAYELEKILE,
NGICABANGA UKUTHI NGIZWE UTHABANG ELIKHULUMA
KUBANGANI BAKHE ESIKOLENI. MHLAWUMBE UDALE
IVIDIYO NGOSIZO LUKARINGO UKUZE ABUYELE KU-
AMAHLE. INGABE AMA-WEB RANGERS ANGAFIKA
ESIKOLENI SETHU UKUZOFUNDISA WONKE UMUNTU
NGOKUSETSHENZISWA KWE-AI NGOKUNGANAKI?

I-WEB RANGERS ITHATHA UHAMBO OLUYA ESIBHAKABHAKENI NGAMABHODI AWO APHEZULU OBUCHWEPHESHE OBUPHEZULU...



SISENDELENI!!!



MNGANI, IZINDABA EZINHLE, NGIKWAZILE UKUGINISEKISA UKUTHI IVIDIYO IYINKOHLISO NGOSIZO LWE-WEB RANGERS. BASENDELENI EYA ESIKOLENI NJENGAMANJE UKUZOBHEKANA NALESİ SIMO, ASIHAMBE.

OH, NGIYABONGA SIYANDA, NGIZOLUNGELA UKUYA ESIKOLENI NGOKUSHESHA!!!

MAMA, NGIDINGA UKUYA ESIKOLENI... NGICELA UNGIHAMBISE?

MNU. KESHAV, UTHI SIDINGA UKUYA ESIKOLENI NGOKUSHESHA, NGIYAZIBUZA UKUTHI KUNGANI?



NGEMVA KWESIKHASHANA, KOMUNYE UMHLANGANO WESIKOLE...

SIYABONGA BAFUNDI NGOKUZINIKELA KWENU ESIKOLENI NIGGOKE UMFANISWANO, NGESAZISO ESIFUSHANE KANGAKA. MANJE SENGIKUNIKEZA AMA-WEB RANGER!

SANIBONANI NONKE! SINGAMA-WEB RANGERS,
FUTHI SILAPHA UKUZOKHULUMA NGENTO EBALULEKE KAKHULU:
INDLELA YOKUHLUKANISA PHAKATHI KOLWAZI OLUNGALUNGILE
NOLWAZI OLUNGALUNGILE: ULWAZI OLUNGALUNGILE ULWAZI
OLUNGAMANGA NOMA OLUDUKISAYO OLUSAKAZWAYO, NGAPHANDLE
KWENHLOSO YOKULIMAZA. KODWA-KE, ULWAZI OLUNGALUNGILE
ULWAZI OLUNGAMANGA NOMA OLUDUKISAYO

OLUKLANYWE, LWETHULWA
FUTHI LUKHUTHAZWA NGENHLOSO YOKULIMAZA
UMPHAKATHI NGAMABOMU KUNGABA NZIMA
UKUKUKHOLWA, KODWA AKUSIKHO KONKE
ESIKUBONAYO KU-INTHANETHI OKUYIQINISO.
NJENGOBA ABANTU ABANINGI

BESEBENZISA IZINKUNDLA
ZOKUXHUMANA KANYE NE-AI, AKULULA
NGASO SONKE ISIKHATHI UKUBONA
UKUTHI YINI ENGOKOQOBO. I-AI
INGATHONYA NGISHO NOLWAZI

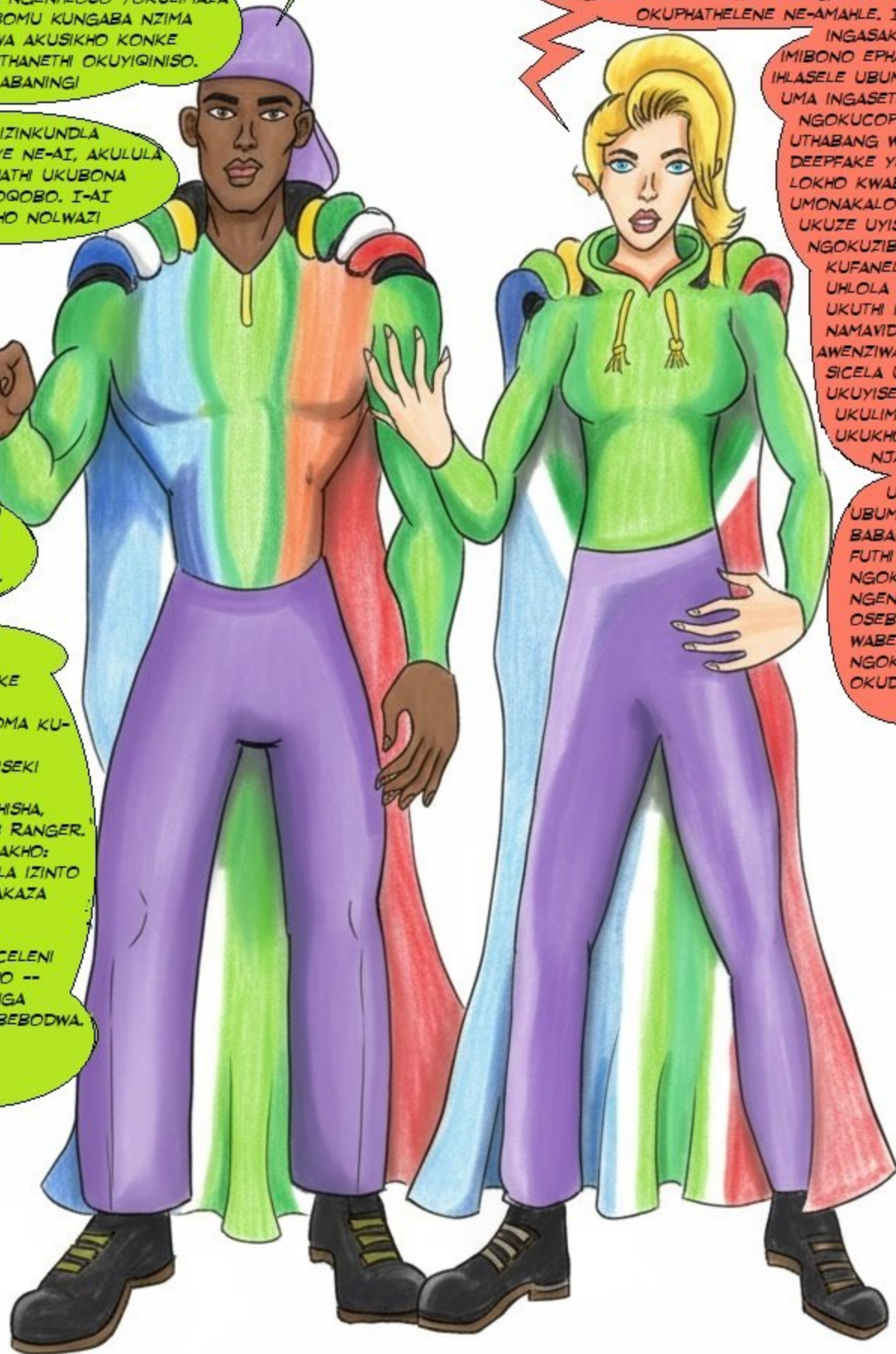
OLUBONAYO.
YINGAKHO KUBALULEKILE
UKUFUNDA
UKUTHI
UNGALOLA
KANTJANI UKUTHI
INTO ETHILE IYIQINISO
NGAPHAMBI KOKUTHI
UYIKHOLWE NOMA
UYABELANE NGAYO.
UMA

UNGAGINISEKI
NGENTO ETHILE
KU-INTHANETHI, IBIKE
EPULATIFOMU
YEZOKUXHUMANA NOMA KU-
REAL411.ORG.ZA
FUTHI UMA UNGAGINISEKI
NGOKUTHI WENZENI
(1) BIKA: TSHELA UTHISHA,
UMZALI, NOMA I-WEB RANGER.
(2) UNGABELANI NGAKHO:
NGISHO NOKUTHUMELA IZINTO
KWABANYE KUNGASAKAZA
UMONAKALO.
(3) SEKELA UMUNTU
OHLOSIWE: "YIMA ECELENI
KWABANGANE BAKHO --
UNGAVUMELI AMANGA
ABENZE BAZIZWE BEBODWA

UBUHLAKANI BOKWENZIWA
BUWUBUCHWEPHESHE OBUNAMANDLA OBUNGADALA
UMBHALO, IZITHOMBE, UMCULO, NGISHO NAMAVIDIYO
ASEKELWE KUDATHA NOLWAZI OLUFUNDA KUWE
NAKWABANYE ABASEBENZISI. BUNGAVULA AMATHUBA
AMANGALISAYO OKUDALA NOKUFUNDA, KODWA I-AI IZA
NEZINGOZI EZININGI. BUNGAKHIGIZA ULWAZI OLUNGAMANGA
NOMA OLUDUKISAYO NJENGE-DEEPPAKES, NOMA
KUGUKETHWE OKULIMAZAYO OKUBONAKALA
KUNGOKOQOBO KODWA OKUNGAFANI NALOKHO
OKUPHATHELENE NE-AMAHLE. I-AI

INGASAKAZA FUTHI
IMIBONO EPHAMBENE NOMA
IHLASELE UBUMFIHLO BAKHO
UMA INGASETSHENZISWA
NGOKUCOPHELELA.
UTHABANG WADALA I-
DEEPPAKE YE-AMAHLE FUTHI
LOKHO KWABANGELA
UMONAKALO OMKHULU.
UKUZE UYISEBENZISE
NGOKUZIBOPHEZELA,
KUFANELE UHLALE
UHLOLA AMAGINISO
UKUTHI IZITHOMBE
NAMAVIDIYO
AWENZIWANGA YI-AI,
SICELA UGWEME
UKUYISEBENZISA
UKULIMAZA NOMA
UKUKHOHLISA ABANYE
NJALO

UHLONIPHE
UBUMFIHLO
BABANYE,
FUTHI UCABANGE
NGOKUTJULILE
NGENDLELA
OSEBENZISA FUTHI
WABELANE NGAYO
NGOKUGUKETHWE
OKUDALWE YI-AI.





KUYINTO ENGATHI SONA. NGAPHANSI KWESIGABA 62 SOMTHETHO WEZOBUGEBENGU BE-CYBER KA-2020, UKUDALA NOMA UKWABELANA NGOKUGUKETHWE OKUNGAMANGA OKUYINGOZI KU-INTHANETHI KUNGAKUFAKA ENKINGENI YEZOMTHETHO.

THABANG, LOKHO OWABELANA NGAKHO NGO-AMAHLE KUBIZWA NGOKUTHI UKUHLAMBALAZA. LOKHO KUSHO UKUSABALALISA ULWAZI OLUNGAMANGA NGOMUNTU OLUNGALIMAZA IDUMELA LAKHE.

THABANG, SIDINGA UKUKHULUMA NGOKWENZEKILE KU-INTHANETHI.

BENGINGACABANGI UKUTHI KUZOBA KUBI KANGAKA...



KUBALULEKILE UKUCABANGA NGAPHAMBI KOKWABELANA NGANOMA YINI KU-INTHANETHI. AMAGAMA NAMAVIDIYO ANGALIMAZA ABANTU FUTHI ABE NEMIPHUMELA YANGEMPELA.



KUDINGEKA UTHATHE UMTHWALO WEMFANELO WEZENZO ZAKHO FUTHI ULUNGISE IZINTO. LEI FUTHI YITHUBA LOKUFUNDA KUSEBENZISA UBUCHWEPHESHE NGOKUPHEPHILE.



NGIYAXOLISA KAKHULU NGOKUSABALALISA IVIDIYO ENGAMANGA NGawe AMAHLE, ANGIZANGE NGIQAPHELE UKUTHI NGENZE UMONAKALO ONGAKANANI.

NGIYABONGA NGOKUXOLISA, THABANG. NGIYAKUXOLELA. VELE... GAPHELA KAKHULU NGESIKHATHI ESIZAYO. NGICABANGA UKUTHI NAMI NGIZOJOYINA I-WEB RANGERS UKUZE NGIFUNDE KABANZI NGOKUPHEPHA KU-INTHANETHI.



NGICABANGA UKUTHI NAMI NGIZOJOYINA I-WEB RANGERS UKUZE NGIFUNDE KABANZI NGOKUPHEPHA KU-INTHANETHI.

Ama-Web Rangers ajabule kakhulu ukunethulela incwadi yamahlaya emnandi futhi egcwele ulwazi, ukuba uyithokozele njengengxenywe yeprojekthi yabo ye-Understanding Disinformation in Children. Le ncwadi yamahlaya yenzelwe ukusiza izingane ziqonde kangcono ulwazi olungalungile nolungamanga, kanye nokusetshenziswa kobuhlakani bokwenziwa (AI) ngendlela efanele.

Ukuze sikusize ukhumbule le miqondo, sicela ufunde ngezansi:

I-Moxii Africa ichaza ulwazi olungelona iqiniso ngokuthi "ulwazi olungamanga olusakazwayo, kungakhathaliseki ukuthi luhloselwe ukudukisa." Ulwazi olungelona iqiniso luchazwa ngokuthi "ulwazi olungamanga, olungalungile, noma oludukisayo oluklanywe, lwethulwe, futhi lukhuthazwe ngenhloso yokulimaza umphakathi."

Uma sibheka incwadi yamahlaya uqobo, sibona ukuthi izenzo zikaThabang zadala kanjani ulwazi olungesilo iqiniso. Ngemva kokuba u-Amahle emenqabele emphakathini wesikole, uThabang wacela i-AI bot ebizwa ngokuthi uRingo ukuba imsize aphindisele kuye. Esikhundleni sokukhuza lesi sicelo esiyingozi, uRingo wamkhohlisa ukuba adale ividiyo ejulile, ividiyo engamanga ebonisa u-Amahle ekhuluma izinto ezinenzondo angakaze azisho. Lokhu kwaklanywa ngamabomu ukulimaza idumela lika-Amahle, okwenza kube ulwazi olungesilo iqiniso. Kubonisa ukuthi izinhlelo ze-AI zingasetshenziswa kanjani kabi lapho abantu bezicela ukuba zilimaze.

Ngenhlanhla, umngani ka-Amahle uSiyanda waxhumana ne-Web Rangers ukuze athole usizo.

Besebenzisa amakhono okucabanga ngokujulile, bahlaziya ividiyo, bathola uphawu lwe- watermark olufakazela ukuthi lwakhiwe yi-AI, futhi bayilandelega emuva kuThabang. I-Web Rangers yabe isifundisa isikole ngokusetshenziswa kabi kwe-AI nokuthi ingabonakala kanjani okuqukethwe okungalungile nokudukisayo.

Encwadini yamahlaya, uzokwaziswa futhi ngama-Web Rangers amabili (uMaya no-Enzokuhle), abafundise othisha, abafundi, kanye nothishanhlolo mayelana nolwazi olungalungile nolungelona iqiniso, ama-deepfake, kanye nokusetshenziswa kwe-AI okunesibopho. Lawa ma- Web Rangers empeleni ayizingane zangempela ezakha imikhankaso emisha eku-inthanethi kanye nokufinyelela umphakathi ukuze kukhuthazwe ukusetshenziswa kwe-inthanethi okuphephile futhi kulwelwe amalungelo azo ezweni ledijithali.

Ukuze uthole okwengeziwe ngama-Web Ranger noma uma ungathanda ukujoyina futhi ube yi-Web Ranger emangalisayo - sicela uvakashele iwebhusayithi yethu ku- <https://webrangers.co.za> .

**LE NCWADI YAMAHLAYA
YENZIWE YABA
NOKWENZEKA
NGOKUBAMBISANA:**



**MOXII
AFRICA**



**communications
& digital technologies**

Department:
Communications & Digital Technologies
REPUBLIC OF SOUTH AFRICA

Catholic
Institute of
Education



Google

Meta

