MILESTONE06 WRITE-UP

1. What was the date & time your team met?

- 26th April 2024, 6pm GMT
- 29th April 2024, 5pm GMT

2. What is your team group name?

TechVoyagers

3. What is your team's agreed-upon problem statement? It should be related to a GCGO, clear, well defined, including listing the population affected and addressable using technology. *Remember, it should be several sentences long, similar to the example provided in your* First Team Meeting Agenda.

The shortage of healthcare professionals in rural Africa presents a significant barrier to accessing essential healthcare services for underserved communities. Despite efforts to address this issue, persistent challenges such as inadequate infrastructure, limited resources, and systemic barriers continue to exacerbate workforce shortages in these regions. Consequently, rural populations face difficulties in accessing timely and quality healthcare, leading to adverse health outcomes and disparities. Addressing this problem requires multifaceted approaches aimed at attracting, training, and retaining healthcare professionals in rural areas, as well as addressing broader systemic issues within the healthcare system.

4. Share all your team roles, both primary and backup. Write the peer's name and   the role(s) they are filing next to it. *For example: Josephine Oware - Project Manager (primary); Data Analyst (backup). Each team has 4 - 6 people and you must write at the very least 4 names and 4 team roles. But if for any*
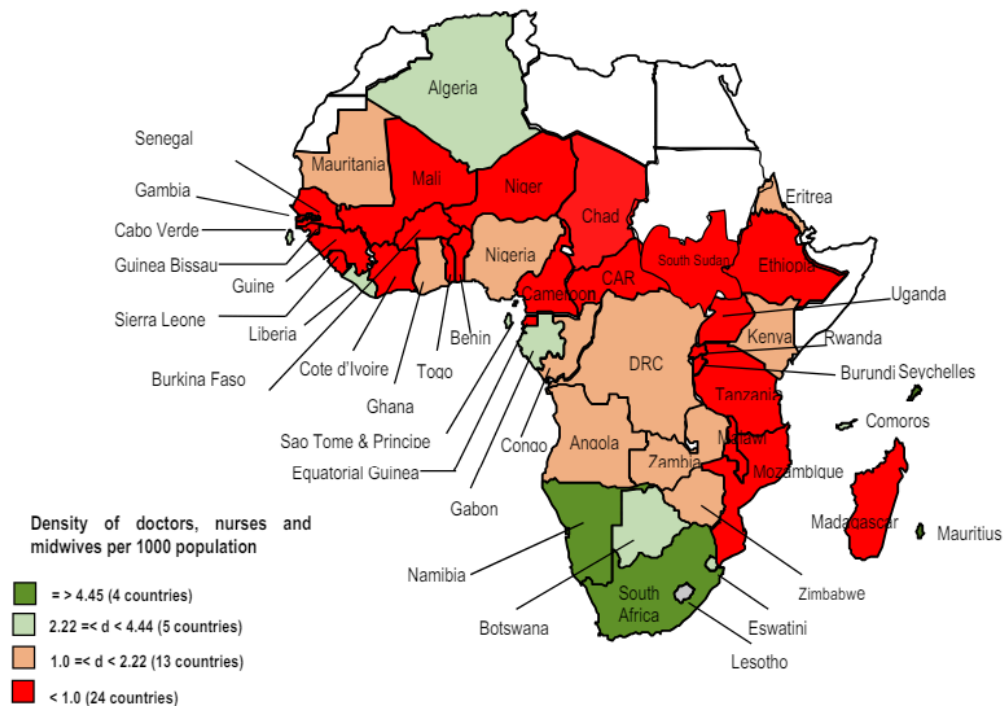
reason you end up with fewer people, you can still write at least 4 roles (2 primary and 2 backup for each person.)

Hashim Aziz Muhammad - Project Manager (primary); Data Analyst (backup)
John Charles - Product Manager (primary); UX Researcher (backup)
Hamza Sirai - UX/UI Designer(primary); Project Manager (backup)
Clifford Tabu - Data Scientist (primary); Research Analyst (backup)
Simon Sinclair - UI/UX Designer (primary); Product Manager (backup)
Abdelati Baala - UX Researcher (primary); Data Analyst (backup)
Paulus Shewamare - Data Analyst (primary); Product Manager (backup)
Amos Amoriba - UI/UX Designer (primary); UX Researcher (backup)
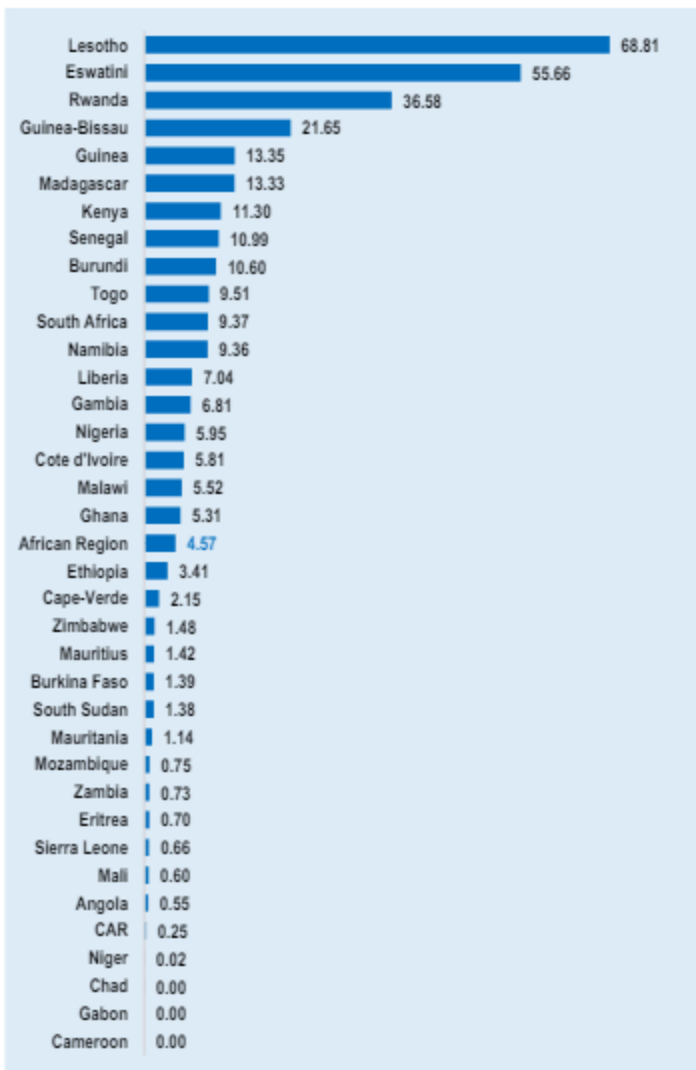
5. What is the scheduled date and time of your Week 6 team meeting?

- 26th April 2024, 6pm GMT
- 29th April 2024, 5pm GMT

6. Share 2 data visualizations that are relevant to your team's problem statement and align with the team's goals and priorities. These are 2 of the top 3 visualizations that your team selected and agreed upon during this second online group activity.

Senegal

Gambia

Cabo Verde

Guinea Bissau

Guine

Sierra Leone

Liberia

Burkina Faso

Cote d'Ivoire

Togo

Ghana

Sao Tome & Principe

Equatorial Guinea

Gabon

Namibia

Botswana

Algeria

Mauritania

Mali

Niger

Chad

Nigeria

Cameroon

CAR

South Sudan

Ethiopia

Uganda

Kenya

Rwanda

Burundi Seychelles

DRC

Tanzania

Malawi

Mozambique

Comoros

Madagascar

Mauritius

Zimbabwe

Eswatini

Lesotho

Benin

Congo

Angola

Zambia

South Africa

Eritrea

Density of doctors, nurses and midwives per 1000 population

- = > 4.45 (4 countries)
- 2.22 =< d < 4.44 (5 countries)
- 1.0 =< d < 2.22 (13 countries)
- < 1.0 (24 countries)

Density of community health workers per 100 000 population in 2018 in 36 countries in the African Region

Country	Density
Lesotho	68.81
Eswatini	55.66
Rwanda	36.58
Guinea-Bissau	21.65
Guinea	13.35
Madagascar	13.33
Kenya	11.30
Senegal	10.99
Burundi	10.60
Togo	9.51
South Africa	9.37
Namibia	9.36
Liberia	7.04
Gambia	6.81
Nigeria	5.95
Cote d'Ivoire	5.81
Malawi	5.52
Ghana	5.31
African Region	4.57
Ethiopia	3.41
Cape-Verde	2.15
Zimbabwe	1.48
Mauritius	1.42
Burkina Faso	1.39
South Sudan	1.38
Mauritania	1.14
Mozambique	0.75
Zambia	0.73
Eritrea	0.70
Sierra Leone	0.66
Mali	0.60
Angola	0.55
CAR	0.25
Niger	0.02
Chad	0.00
Gabon	0.00
Cameroon	0.00

7. What are your action items from the team meeting? (what do you need to do before the next meeting?)

- Define the specific challenges faced by the target population
- Brainstorm potential solutions and strategies for implementation
- Allocate tasks and establish timelines for milestone achievement

8. Provide the data visualizations that you worked on with your team, and in 2 - 3 sentences write your analysis of each visualization.

The distribution of physician generalists versus specialists varies significantly across countries, reflecting diverse healthcare needs and resource allocation. Countries with a higher concentration of specialists may have more advanced healthcare infrastructure, while those relying more on generalists might face resource constraints or prioritize primary care. Overall, understanding these variations can inform targeted interventions to address healthcare workforce shortages and strengthen healthcare systems across the African Region.

The bar graph depicts the density of community health workers per 100,000 population in 36 African countries in 2018.
Lesotho stands out with the highest density (68.81), indicating a robust community health workforce.
Countries like Rwanda (36.58) and Eswatini (55.66) also prioritize community health.
However, some nations, like Cameroon and Gabon, have zero density, highlighting the need for workforce development.

9. Reflection on your Team experience
Write a reflection on your experience and your team's effectiveness so far. Be sure to include:
- A. What is working well with your team?
- B. What is one good thing that happened during your team meeting?
- C. What is one thing your team could do better in the next meeting?
- D. Are you experiencing any frustrations with your team? If yes, what can you personally do to lessen the frustration?
- E. How would you rate your ability to communicate with your team members on a scale of 1 to 4? (1=extremely poor and 4=excellent)
- F. What is your biggest concern about working with your team during Month 2?
- G. How might you address that concern as a team?
- H. What is one hope you have for your team during Month 2?
- I. Overall, how satisfied are you with how well your team is working together? (On a scale of 1 to 4)

A. What's Working Well: High attendance and effective planning during team meetings.

B. Good Thing Happened: Strategic planning for milestone achievement despite partial team participation.

C. Improvement Needed: Enhanced communication and participation from all team members.

D. Personal Action: Increase accessibility and explore alternative communication channels.

E. Communication Rating: 4 - Excellent

F. Biggest Concern: Ineffective task delegation and completion due to lack of team participation.

G. Addressing Concern: Utilize available resources and redistribute workload among participating members.

H. Hope for Month 2: Improved engagement and collaboration from all team members.

I. Overall Satisfaction: 4 for participating members' effectiveness, 1 for non-participating members' lack of involvement.