



# UNIVERSITY OF NAIROBI

## Faculty of Health Sciences

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July 29, 2024

Ref: PD/083/07/024

Dancun Ngungi  
C/o USAID Fahari Ya Jamii Project

### TO WHOM IT MAY CONCERN

#### Recommendation Letter

The above refers:

This is to confirm that Dancun Ngugi has successfully completed a 3 months internship at USAID Fahari Ya Jamii project. During the internship, he performed the following roles:

1. Collaborate with healthcare personnel/Strategic information team to understand program monitoring, evaluation and reporting indicator definitions and various MOH data collection and reporting tools.
2. Collecting, compiling and validating data from multiple sources.
3. Writing and running MYSQL queries in MySQL Workbench /Data tools to retrieve data from databases.
4. Executing pre-defined MySQL queries to generate routine reports e.g MOH 731
5. Data quality assessment creating frequency distributions to detect discrepancies and ensure they are resolved.
6. Cleaning, preprocessing and analyzing large datasets using R, SQL, and other data science tools.
7. Uploading data to NDWH.
8. Create dashboards in the National Data Warehouse using superset feature.
9. Writing and running R scripts in RStudio editor.
10. Building Pivot tables to retrieve data from DHIS2 platforms.
11. Applying analytical skills to perform exploratory data analysis from datasets uncover insights and trends.
12. Predictive analysis using machine learning models.
13. Computer networking to help understand how to connect various tools like data tools to KenyaEMR
14. Giving IT support and troubleshooting

Dancun's internship ended on July 29, 2024. I recommend Dancun for any upcoming opportunities and wish him all the best in his future endeavors.

Yours Sincerely,

Prof. F.O. Otieno

Project Director

