INTRODUCTION TO DMS

Distribution management system refers to a system that developed to manage distribution of digital products (mwananchi, the citizen, mwanaspoti, the east Africa, daily nation, business daily Africa) from point of production to dropping points.

1. SYSTEM ACTORS

- System admin
- Distributor

2. SYSTEM ENTITIES

- Users
- Products
- Dropping points
- Agents
- Outlets
- MDE's
- MDO's
- Top stories
- Orders

❖ **Users entity in detail**
   Users includes as
   - **Admin** who control the whole system,
   - **Supervisor** who manage products, dropping points, agents, outlets, MDE's,MDO's,Top stories and orders.
    -**Outlet person** indirect user who managed by distributor
    -**Agent person** indirect user who managed by   distributor

❖ **Products entity in detail**
   -Includes as mwananchi, the citizen, mwanaspoti, the east Africa, daily nation, business daily Africa that managed from point of production up to dropping points. Below are attributes of the currently product entity includes as name and percentage.

❖ **Orders entity in detail**
   -Include all requests to purchase products. Below are attributes of the currently attribute of the orders entity includes as outletName, orderDate, status, mwananchi, the citizen, mwanaspoti, the east Africa, business daily Africa, daily nation, MDE,zone,droping points, agent

❖ **Agent entity in detail**
   -purchase product from outlets points. Below are the currently attributes of the agent entity includes as name, email, phone number, next of kin name, next of kin name no, SAP code, id type, id number,region,district,address and status.

❖ **Outlets**
   -Permanent points where products distributed from point of production. Below are the currently attributes of the outlets entity includes as name, others Name, type, SAP code, phone, next of kin,next of kin phone,id type, id no,MDE,agent and dropping point.

❖ **MDE's**
-Currently attributes includes as name, email, phone number, zone and status
❖ **MDO's**
-Currently attributes includes as name, email, phone number, zone and status
❖ **Top stories**
-Currently attributes includes as title, story date, product and author
❖ **Dropping points**
-Location where products placing them during distribution. Currently attributes includes as name, zone, region, district, shipping code

3. CURRENTLY FLOW OF THE DMS SYSTEM

❖ **Users management**
    –admin manage all users (create, view, edit and delete).
❖ **Products management**
    -admin view and edit.
    -distributor manage products (create, view and delete).
❖ **Dropping points management**
    -admin view all dropping points.
    -distributor manage dropping (create, view, edit and delete)
❖ **Agents management**
    -admin view all agents.
    -distributor manage agents (create, view, edit and delete).
❖ **Outlets management**
    -admin view all outlets.
    -distributor manage outlets (create, view, edit and delete).
❖ **MDE's management**
    -admin view all MDE's.
    -distributor manage MDE's (create, view, edit and delete).
❖ **MDO's management**
    -admin view all MDO's.
    -distributor manage MDO's (create, view, edit and delete).
❖ **Top stories management**
    -admin manage top stories (create, view, edit and delete).
    -distributor view top stories
❖ **Orders management**
    -admin view all orders.
    -distributor manage orders (create, view, edit and delete).

4. SUGGESTED FLOW OF THE DMS SYSTEM(use case).