AfriData Commons

**🔹 1. Project Overview**

AfriData Commons is a dataset repository that allows individuals and communities across Africa to upload and share community curated data.

The purpose of this project is to solve under-representation and bridge the gap in current AI training data that has led to biased AI systems across African norms, cultures and languages

* scope
* Stakeholders (e.g., client, users, development team)
* Business case or problem being solved
* Goals and success criteria

**🔹 3. Architecture & Design Docs**

System architecture diagram

components and how they interact

Tech stack

programming languages, frameworks, databases, tools

Design decisions

choices made and rationale

Data model / ER diagrams

CustomerUser

PK:id(AutoField)

Username

Email

full\_name

phone\_number

bio

profile\_picture

API design (if applicable)

endpoints, request/response formats

**🔹 4. Development Documentation**

Codebase structure

how the repo is organized.

Environment setup

– how to run the project locally

Dependencies

– packages, libraries, third-party tools

# Build & deployment instructions

Version control conventions (e.g., Git workflow)

**🔹 5. Testing Documentation**

Testing strategy

– unit, integration, system, acceptance testing

# Test cases/scenarios

# Test coverage reports

# Automated test setup and tools used

**🔹 6. User Documentation**

User manual

– how to use the system (GUI, CLI, API)

# Installation guide

# FAQs / Troubleshooting guide

**🔹 7. Maintenance & Support**

# Known issues / bugs

# How to report issues

# Update policy

# Roadmap or planned features

**🔹 8. Licensing & Legal**

# License type (MIT, GPL, proprietary, etc.)

# Terms of use

# Contribution guidelines (for open source)