Ngoma Music

Benedicta Amo Bempah, Veronicah Nanjala, Tito Magero, Lesapiti Loltolo, Bridgett Marufu

Database and EER Diagram

Key tables for Ngoma Music

Users (ie. Artistes and Listeners) – can sign up, upload music, listen and download

Events – showcases events in Africa

Song – contains compilations/music of African artistes

Admin – monitors requests of users (contact form), keeps data of admin of website

UserRequest – contains all information that users share with team through website (I.e gotten from contact form)

Attributes

Users (first_name, last_name, email)

Listeners (username, email, password)

Artists (first_name, last_name, user_name, email, password, copyright, music_type, DOB, website, description, contact_no, fan_message)

Song(song_name, song_artist, genre, African_region, album_name, release_date, record_label)

Employee(first_name, last_name, employmentDate, gender, contact_no, role)

Regular (contract_term, supervisorName))

Admins (email, user_name, password)

Events (event_name, date, location, time, event_type, ticketFee, address, link, poster)

FormRequest(first_name, last_name, email, message)

Relationships / Enterprise Rules

Users can be either **Listeners or Artists**

Listener/Artists can be referred to as **Users**

Users can listen/upload one or more **Songs**

Songs can be listened to or uploaded by one or more **Users**

Enjoyments can have exactly one **User**

A User can have one or many **Enjoyments**

Enjoyments can have exactly one **Song**

A **Song** can have zero or more **Enjoyments**

Admins manage zero or more **FormRequest**

FormRequest can be handled by exactly one **Admin**

An Admin can zero or more upload **Events**

Events can be uploaded by exactly one **Admin**

SQL Creation – Following the Logical Database Design

Users (**userID#,** first_name, last_name, email)

Listeners (***userID#,*** username, email, password)

Artists (***userID#***,first_name, last_name, user_name, email, password, copyright, music_type, DOB, website, description, contact_no, fan_message)

Enjoyments (userID#, songID#, African_region, ratings)

Song(**songID#**, song_name, song_artist, genre, album_name, release_date, record_label)

Employee(**empID#**,first_name, last_name, employmentDate, gender, contact_no, role)

Regular (*empID#*, contract_term, supervisorName))

Admins (*empID#,* email, user_name, password)

Events (**eventID#,** *empID#*, event_name, date, location, time, event_type, ticketFee, address, link, poster)

FormRequest(**requestID#**, *empID#*, *userID#*, first_name, last_name, email, message)