

Web Technology Phase 2

Group RoughWork and Contributions

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 (l.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)

UserRequest(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 **FormRequests**

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

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

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

***Sites to create EER Diagram – draw.io, creately**

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(emplID#, first_name, last_name, employmentDate, gender, contact_no, role)

Regular (emplID#, contract_term, supervisorName))

Admins (emplID#, email, user_name, password)

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

FormRequest(requestID#, emplID#, userID#, first_name, last_name, email, message)