CHAPTER-3

SYSTEM DESIGN

TABLE DESCRIPTION

CREATE TABLE ARTIST(

artist_id int,

Artist_name varchar(50),

No_of_albums int,

No_of_tracks int,

Primary key(artist_id));

CREATE TABLE ALBUM(

album_id int,

Album_name varchar(50),

Artist_id int,

Album_image varbinary(max),

Primary key(album_id),

Foregin key(artist_id) references ARTIST(artist_id) on delete cascade);

CREATE TABLE USER(

user_id int,

username varchar(50),

password varchar(50),

primary key(user_id));

CREATE TABLE PLAYLIST(

Playlist_id int,

Playlist_name varchar(50),

user_id int,

Primary key(Playlist_id),

Foregin key(user_id) references USER(user_id) on delete cascade);

CREATE TABLE TRACK(

track_id int,

Track_name varchar(50),

artist_id int,

Genre varchar(15),

Primary key(track_id),

Foreign key(artist_id) references ARTIST(artist_id) on delete cascade);