CREATE TABLE CREATOR(

CreatorId INT PRIMARY KEY);

CREATE TABLE SOCIAL\_RESUME\_USER(

UserId INT ,

Fname NVARCHAR2(50) NOT NULL ,

Mname NVARCHAR2(50) ,

Lname NVARCHAR2(50) NOT NULL ,

Sex NVARCHAR2(6) NOT NULL,

Birthday DATE,

Phone NVARCHAR2(13),

Email NVARCHAR2(50) NOT NULL,

UserPassword NVARCHAR2(20) NOT NULL,

AccountType NVARCHAR2(20) NOT NULL,

CreatorId INT,

CHECK (AccountType IN ('FREE', 'PREMIUM')),

CHECK (Sex IN ('MALE', 'FEMALE')),

PRIMARY KEY (UserId)

);

CREATE TABLE COMMUNITY(

CommunityId INT ,

UserId INT ,

CommunityName NVARCHAR2(80) NOT NULL,

CommunityDesc NVARCHAR2(200),

CreatedDate DATE NOT NULL,

CommunityType NVARCHAR2(7) NOT NULL,

CategoryName NVARCHAR2(50),

CHECK (CommunityType IN ('COMPANY', 'GROUP','PAGE')),

PRIMARY KEY (CommunityId,UserId));

CREATE TABLE COMPANY(

CommunityId INT,

UserId INT,

CompanySize NVARCHAR2(7) NOT NULL,

CreatorId INT,

CHECK (CompanySize IN ('1-10', '10-50','50-250','1000+','10000+','100000+')),

PRIMARY KEY (CommunityId,UserId));

CREATE TABLE SOCIAL\_RESUME\_GROUP(

UserId INT,

CommunityId INT,

Privacy NVARCHAR2(15) NOT NULL,

EffectedId INT,

CHECK (Privacy IN ('PUBLIC','ONLY MEMBERS')),

PRIMARY KEY (CommunityId,UserId));

CREATE TABLE SOCIAL\_RESUME\_PAGE(

UserId INT,

CommunityId INT,

CreatorId INT,

PRIMARY KEY (CommunityId,UserId));

CREATE TABLE SKILL(

ProfileId INT,

SectionId INT,

Title NVARCHAR2(25),

PRIMARY KEY (ProfileId,SectionId));

CREATE TABLE EDUCATION(

ProfileId INT,

SectionId INT,

Title NVARCHAR2(90) NOT NULL,

StartDate DATE ,

GraduateDate DATE ,

Department NVARCHAR2(90),

Gpa NUMBER(3,2),

PRIMARY KEY (ProfileId,SectionId));

CREATE TABLE EXPERIENCE(

ProfileId INT,

SectionId INT,

Title NVARCHAR2(90) NOT NULL,

Description NVARCHAR2(600),

StartDate DATE ,

EndDate DATE ,

PRIMARY KEY (ProfileId,SectionId));

CREATE TABLE EFFECTED(

EffectedId INT PRIMARY KEY

);

CREATE TABLE CREATOR\_COMMENT(

ActionId INT PRIMARY KEY,

CommentContent NVARCHAR2(200) NOT NULL,

EffectedId INT NOT NULL

);

CREATE TABLE PROFILE\_SECTION(

ProfileId INT,

SectionId INT,

SectionName NVARCHAR2(70),

CHECK(SectionName IN('SKILL','EXPERIENCE','EDUCATION','AWARD','PROJECT','CERTIFICATE','LANGUAGE')),

PRIMARY KEY(ProfileId,SectionId));

CREATE TABLE CREATOR\_NOTIFICATION(

CreatorId INT,

ActionId INT,

NotificationContent NVARCHAR2(50) NOT NULL,

NotificiationDate DATE,

CONSTRAINT Notification\_PK PRIMARY KEY (CreatorId,ActionId)

);

CREATE TABLE BOOKMARK(

UserId INT,

AdvertisementId INT,

SavedDate DATE NOT NULL,

CONSTRAINT Bookmark\_PK PRIMARY KEY (UserId,AdvertisementId)

);

CREATE TABLE COMMUNITY\_ROLE(

UserId INT,

CommunityId INT,

OwnerId INT NOT NULL,

RoleType NVARCHAR2(20) NOT NULL,

CHECK (RoleType IN ('ADMIN','MODERATOR','EDITOR')),

CONSTRAINT CommunityRole\_PK PRIMARY KEY (UserId,CommunityId,OwnerId)

);

CREATE TABLE CREATOR\_HAS\_PROFILE(

CreatorId INT,

ProfileId INT,

CONSTRAINT CREATOR\_HAS\_PK PRIMARY KEY (CreatorId,ProfileId)

);

CREATE TABLE CITY(

CountryCode NVARCHAR2(5),

CityName NVARCHAR2(30),

CONSTRAINT City\_PK PRIMARY KEY (CountryCode,CityName)

);

CREATE TABLE COUNTRY(

Code NVARCHAR2(5) PRIMARY KEY,

CountryName NVARCHAR2(50) NOT NULL

);

CREATE TABLE HASHTAG(

HashtagName NVARCHAR2(30),

PRIMARY KEY(HashtagName)

);

CREATE TABLE COMMUNITY\_CATEGORY(

CategoryName NVARCHAR2(50) PRIMARY KEY,

CategoryDescription NVARCHAR2(100) NOT NULL

);

CREATE TABLE USER\_PROFILE(

ProfileId INT PRIMARY KEY,

Summary NVARCHAR2(200),

Privacy NVARCHAR2(20) NOT NULL,

JobStatus NVARCHAR2(20) NOT NULL,

CHECK(Privacy IN('MY CONNECTIONS','PUBLIC','ONLY MEMBERS')),

CHECK(JobStatus IN('NOT OPEN THE OFFERS','ACTIVELY APPLYING'))

);

CREATE TABLE COMPANY\_PROFILE(

ProfileId INT PRIMARY KEY,

WorkHours NVARCHAR2(200)

);

CREATE TABLE PAGE\_PROFILE(

ProfileId INT PRIMARY KEY

);

CREATE TABLE ACTION\_SEARCH(

ActionId INT PRIMARY KEY,

SearchText NVARCHAR2(200) NOT NULL

);

CREATE TABLE ACTION\_VIEW(

ActionId INT PRIMARY KEY

);

CREATE TABLE MESSAGE(

ActionId INT PRIMARY KEY,

Text NVARCHAR2(200) NOT NULL

);

CREATE TABLE GROUP\_JOIN(

ActionId INT PRIMARY KEY

);

CREATE TABLE CREATOR\_LIKE(

ActionId INT PRIMARY KEY

);

CREATE TABLE CONNECTION\_REQUEST(

ActionId INT PRIMARY KEY,

Status NVARCHAR2(20) NOT NULL,

CHECK (Status IN ('PENDING','ACCEPTED','IGNORED'))

);

CREATE TABLE FOLLOW(

ActionId INT PRIMARY KEY

);

CREATE TABLE CREATOR\_BLOCK(

ActionId INT PRIMARY KEY

);

/\* PAGE 4 TABLES \*/

CREATE TABLE LANGUAGE(

ProfileId INT,

SectionId INT,

Title NVARCHAR2(50),

LanguageLevel NVARCHAR2(2) NOT NULL,

CHECK(LanguageLevel IN ('A1','A2','B1','B2','C1','C2')),

PRIMARY KEY(ProfileId,SectionId)

);

CREATE TABLE AWARD(

ProfileId INT,

SectionId INT,

Title NVARCHAR2(80) NOT NULL,

Issuer NVARCHAR2(50) NOT NULL,

AwardDate DATE NOT NULL,

AssociatedWith NVARCHAR2(50),

AwardDescription NVARCHAR2(150),

PRIMARY KEY(ProfileId,SectionId)

);

CREATE TABLE PROJECT(

ProfileId INT,

SectionId INT,

Title NVARCHAR2(100) NOT NULL,

StartDate DATE,

EndDate DATE,

ProjectUrl NVARCHAR2(200),

AssociatedWith NVARCHAR2(50),

ProjectDescription NVARCHAR2(300),

PRIMARY KEY(ProfileId,SectionId)

);

CREATE TABLE CERTIFICATE(

ProfileId INT,

SectionId INT,

CertificateTitle NVARCHAR2(120) NOT NULL,

CertificationAuthority NVARCHAR2(60) NOT NULL,

LicenceNumber NVARCHAR2(30),

FromDate DATE,

ToDate DATE,

CertificateUrl NVARCHAR2(200),

PRIMARY KEY(ProfileId,SectionId)

);

CREATE TABLE MEDIA(

ShareActionId INT,

MediaUrl NVARCHAR2(50),

FileExtension NVARCHAR2(4),

MediaType NVARCHAR2(8) NOT NULL,

CHECK(MediaType IN('Photo','Video','Documentt')),

PRIMARY KEY(ShareActionId,MediaUrl)

);

CREATE TABLE CONNECTION\_LIST(

FromUserId INT,

ToUserId INT,

ConnectionDate DATE NOT NULL,

ConnectionRequestActionId INT NOT NULL,

PRIMARY KEY(FromUserId,ToUserId)

);

CREATE TABLE ENDORSE(

ProfileId INT,

SectionId INT,

UserId INT,

Rating NVARCHAR2(15) NOT NULL,

CHECK(Rating IN('GOOD','VERY GOOD','EXCELLENT')),

PRIMARY KEY(ProfileId,SectionId,UserId)

);

CREATE TABLE WORK\_WITH(

ProfileId INT,

SectionId INT,

UserId INT,

PRIMARY KEY(ProfileId,SectionId,UserId)

);

CREATE TABLE CREATOR\_PROFILE(

ProfileId INT PRIMARY KEY,

ProfilPhoto NVARCHAR2(150),

CoverPhoto NVARCHAR2(150),

Website NVARCHAR2(30),

ProfileType NVARCHAR2(20) NOT NULL,

EffectedId INT,

CountryCode NVARCHAR2(3),

CityName NVARCHAR2(30),

CHECK(ProfileType IN('USER','COMPANY','PAGE')));

CREATE TABLE ARTICLE(

ArticleId INT,

Headline NVARCHAR2(100) NOT NULL,

Text NVARCHAR2(1000) NOT NULL,

CoverPhoto NVARCHAR2(150),

UserId INT NOT NULL,

PRIMARY KEY(ArticleId)

);

CREATE TABLE JOB\_ANNOUNCEMENT(

AdvertisementId INT PRIMARY KEY,

JobName NVARCHAR2(30) NOT NULL,

JobDescription NVARCHAR2(100),

Salary INT,

AnnouncementDate DATE NOT NULL,

DeadLine DATE NOT NULL,

WorkTimeType NVARCHAR2(10) NOT NULL,

CreatorId INT NOT NULL,

CHECK (WorkTimeType IN ('FULLTIME','PARTTIME','INTERN')));

CREATE TABLE ADS(

AdvertisementId INT PRIMARY KEY,

AdsName NVARCHAR2(100) NOT NULL,

Description NVARCHAR2(200),

TargetAudience NVARCHAR2(10) NOT NULL,

StartDate DATE NOT NULL,

EndDate DATE NOT NULL,

PaymentType NVARCHAR2(10) NOT NULL,

PaymentPrice NUMBER(10,2) NOT NULL,

PayorSsn NVARCHAR2(20) NOT NULL,

CreatorId INT NOT NULL,

CHECK (TargetAudience IN ('YOUNG','ADULT')),

CHECK (PaymentType IN ('CREDITCARD','PAYPAL')));

CREATE TABLE ACTION(

ActionId INT PRIMARY KEY,

ActionType NVARCHAR2(30) NOT NULL,

CreatorId INT NOT NULL,

DestinationId INT NOT NULL,

ActionDate DATE NOT NULL,

CHECK(ActionType IN ('SEARCH','VIEW','BLOCK','MESSAGE','SHARE','FOLLOW','LIKE','COMMENT','JOIN','CONNECTION')));

CREATE TABLE ACTION\_SHARE(

ActionId INT,

ShareContent NVARCHAR2(500),

ShareType NVARCHAR2(10) NOT NULL,

AlbumName NVARCHAR2(50),

EventName NVARCHAR2(50),

EventDate DATE,

EffectedId INT,

ParentId INT,

PRIMARY KEY(ActionId),

CHECK(ShareType IN('POST','ALBUM','EVENT'))

);

CREATE TABLE COMPANY\_LOCATED\_IN\_CITY(

CompanyProfileId INT,

CountryCode NVARCHAR2(5),

CityName NVARCHAR2(30),

PRIMARY KEY(CompanyProfileId,CountryCode,CityName)

);

CREATE TABLE RECOMMEND(

FromUserId INT,

ToUserId INT,

Text NVARCHAR2(900) NOT NULL,

RecommendationDate DATE,

PRIMARY KEY(FromUserId,ToUserId)

);

CREATE TABLE JOB\_APPLY(

AdvertisementId INT,

UserId INT,

ResumeUrl NVARCHAR2(150) NOT NULL,

PRIMARY KEY(AdvertisementId,UserId));

CREATE TABLE SHARE\_CONTAINS\_HASHTAG(

ShareActionId INT,

HashtagName NVARCHAR2(50),

PRIMARY KEY(ShareActionId,HashtagName)

);