DROP SCHEMA "Project\_Parliament" CASCADE ;

CREATE SCHEMA "Project\_Parliament"

AUTHORIZATION "201701111";

SET SEARCH\_PATH TO "Project\_Parliament";

CREATE TABLE "Member"(

Member\_ID Varchar(10) PRIMARY KEY,

"Name" varchar(20) NOT NULL,

Party\_ID varchar(10),

Aadhar\_ID varchar(10) NOT NULL,

Seat\_ID varchar(10),

Affidavit\_No varchar(20) NOT NULL,

Start\_date timestamp NOT NULL,

End\_date timestamp NOT NULL,

Constituency\_ID varchar(10),

Term\_ID Varchar(10),

Session\_ID Varchar(10)

--FOREIGN KEY (Constituency\_ID) REFERENCES CONSTITUENCY(CONSTITUENCY\_ID)

--FOREIGN KEY (SEAT\_ID) REFERENCES RS\_CONSTITUENCY(SEAT\_ID)

--FOREIGN KEY (AFFIDAVIT\_NO) REFERENCES AFFIDAVIT(AFFIDAVIT\_NO)

);

CREATE TABLE Lok\_Sabha\_Constituency(

Constituency\_ID varchar(10) PRIMARY KEY,

"State" Varchar(20) NOT NULL,

Constituency\_Name varchar(10) NOT NULL,

Reservations varchar(5),

Total\_voters bigint NOT NULL

);

CREATE TABLE RS\_Seats(

Seat\_ID varchar(10) PRIMARY KEY,

MLA\_VOTING int NOT NULL,

"state" varchar(20) NOT NULL

);

CREATE TABLE Affidavit(

Affidavit\_no varchar(20) PRIMARY KEY,

Age SMALLINT NOT NULL,

Assets float NOT NULL,

voter\_id varchar(20) NOT NULL,

Email varchar(20),

gender char,

Aadhar\_no varchar(20),

Contact\_no varchar(20),

Category varchar(20)

);

CREATE TABLE CASES\_FILED(

Affidavit\_no varchar(20) ,

Case\_ID int,

PRIMARY KEY (Affidavit\_no, Case\_iD),

FOREIGN KEY (Affidavit\_no) REFERENCES Affidavit(Affidavit\_no)

ON DELETE CASCADE ON UPDATE CASCADE

);

CREATE TABLE ADDRESS(

Affidavit\_no varchar(20) ,

address text,

PRIMARY KEY (Affidavit\_no, address),

FOREIGN KEY (Affidavit\_no) REFERENCES Affidavit(Affidavit\_no)

ON DELETE CASCADE ON UPDATE CASCADE

);

CREATE TABLE IMPORTANT\_POSITION(

Position\_title varchar(20) PRIMARY KEY,

Position\_priority varchar(10) NOT NULL

);

CREATE TABLE "Holds" (

Position\_Title Varchar(20) ,

Member\_ID Varchar(10),

Start\_Date timestamp,

End\_Date timestamp,

PRIMARY KEY (Position\_Title,Member\_ID),

FOREIGN KEY (Position\_Title) REFERENCES IMPORTANT\_POSITION(Position\_title)

ON DELETE CASCADE ON UPDATE CASCADE,

FOREIGN KEY (Member\_ID) REFERENCES "Member"(Member\_ID)

ON DELETE CASCADE ON UPDATE CASCADE

);

CREATE TABLE PARTY(

Party\_ID varchar(10) PRIMARY KEY,

Party\_Name varchar(10) NOT NULL,

Party\_symbol varchar(10) NOT NULL,

Is\_national bit

);

CREATE TABLE ALLIANCES(

Alliance\_ID varchar(10) PRIMARY KEY,

"Name" varchar(10) NOT NULL,

Central\_or\_State Varchar(10) NOT NULL

);

CREATE TABLE FORMS(

Alliance\_ID varchar(10),

Party\_ID varchar(10),

Start\_date timestamp,

End\_date timestamp,

PRIMARY KEY(Alliance\_Id,Party\_ID),

FOREIGN KEY (Alliance\_ID) REFERENCES ALLIANCES(Alliance\_ID)

ON DELETE CASCADE ON UPDATE CASCADE,

FOREIGN KEY (Party\_ID) REFERENCES PARTY(Party\_ID)

ON DELETE CASCADE ON UPDATE CASCADE

);

CREATE TABLE Bills (

Bill\_ID varchar(10) PRIMARY KEY,

Bill\_Name varchar(10) NOT NULL,

Bill\_Type varchar(10) NOT NULL,

Member\_ID Varchar(10) NOT NULL,

Term\_ID Varchar(10) ,

Session\_ID Varchar(10) ,

FOREIGN KEY (Member\_ID) REFERENCES "Member"(Member\_ID)

ON DELETE CASCADE ON UPDATE CASCADE

--FOREIGN KEY (Term\_ID) REFERENCES "LS\_Term"(Term\_ID)

--ON DELETE CASCADE ON UPDATE CASCADE

);

CREATE TABLE "Refered\_Laws" (

Act\_Name Varchar(20),

Bill\_ID Varchar(10),

PRIMARY KEY (Act\_name,Bill\_ID),

FOREIGN KEY (Bill\_ID) REFERENCES Bills(Bill\_ID)

ON UPDATE CASCADE ON DELETE CASCADE

);

CREATE TABLE Gets\_Amended (

Bill\_ID Varchar(10),

"Year" Timestamp,

Term\_ID Varchar(10),

PRIMARY KEY ("Year",Bill\_ID),

FOREIGN KEY (Bill\_ID) REFERENCES Bills(Bill\_ID)

ON UPDATE CASCADE ON DELETE CASCADE

--FOREIGN KEY (Term\_ID) REFERENCES LS\_Term(Term\_ID)

--ON UPDATE CASCADE ON DELETE CASCADE

);

CREATE TABLE LS\_Term (

Term\_ID Varchar(20) PRIMARY KEY,

Term\_Start\_Date Timestamp NOT NULL,

Term\_End\_Date Timestamp NOT NULL,

No\_of\_members Int NOT NULL

);

Kusal D312, [16.11.19 23:05]

CREATE TABLE RS\_Session (

Session\_ID Varchar(10) PRIMARY KEY,

Session\_Start\_Date Timestamp NOT NULL,

Session\_End\_Date Timestamp NOT NULL,

No\_of\_members Int NOT NULL

);

ALTER TABLE "Member" ADD

FOREIGN KEY (Constituency\_ID) REFERENCES Lok\_Sabha\_Constituency(Constituency\_ID)

ON UPDATE CASCADE ON DELETE CASCADE;

ALTER TABLE "Member" ADD

FOREIGN KEY (Party\_ID) REFERENCES Party(Party\_ID)

ON UPDATE CASCADE ON DELETE CASCADE;

ALTER TABLE "Member" ADD

FOREIGN KEY (SEAT\_ID) REFERENCES RS\_Seats(SEAT\_ID)

ON UPDATE CASCADE ON DELETE CASCADE;

ALTER TABLE "Member" ADD

FOREIGN KEY (AFFIDAVIT\_NO) REFERENCES AFFIDAVIT(AFFIDAVIT\_NO)

ON UPDATE CASCADE ON DELETE CASCADE;

ALTER TABLE "Member" ADD

FOREIGN KEY (Session\_ID) REFERENCES RS\_Session(Session\_ID)

ON UPDATE CASCADE ON DELETE CASCADE;

ALTER TABLE "Member" ADD

FOREIGN KEY (Term\_ID) REFERENCES LS\_Term(Term\_ID)

ON UPDATE CASCADE ON DELETE CASCADE;

ALTER TABLE BILLS ADD

FOREIGN KEY (Term\_ID) REFERENCES LS\_Term(Term\_ID)

ON UPDATE CASCADE ON DELETE CASCADE;

ALTER TABLE Gets\_Amended ADD

FOREIGN KEY (Term\_ID) REFERENCES LS\_Term(Term\_ID)

ON UPDATE CASCADE ON DELETE CASCADE;

ALTER TABLE BILLS ADD

FOREIGN KEY (Session\_ID) REFERENCES RS\_Session(Session\_ID)

ON UPDATE CASCADE ON DELETE CASCADE;