ADMISSION COUNSELLING SYSTEM

Problem Statement:-

In this project, we have designed a database management system to store and manage the information about a student's registration and counselling process for an entrance exam. The Database will contain important information about the students and will be accessible to counselling authorities and the student himself.

This Database will contain the students' details, exam details, result of the examination, choices filled during the counselling process and its corresponding results.

This database management system will help the student and the officials during the whole examination and counselling process, which will vary from admit card release to counselling result (seat allotment).

Our Database will provide complete transparency during the whole counselling process.

This Database management system will take care of the payment history and allows only those candidates who have paid for both examination and counselling during their respective schedules.

Tables :-

Candidate

Attribute	Datatype	Constraints and Characteristics
RegistrationNumber	VARCHAR(20)	Primary key
FirstName	VARCHAR(20)	Not null
LastName	VARCHAR(20)	Not null
DOB	DATE	Not null
MobileNo	NUMBER(10)	Not null
Email	VARCHAR(20)	Not null
Gender	VARCHAR(5)	Not null
FatherName	VARCHAR(20)	Not null
Address	VARCHAR(40)	Not null
Password	VARCHAR(16)	Not null
SchoolDetails	VARCHAR(40)	Not null

Category

Attribute	Datatype	Constraints and Characteristics
CategoryID	VARCHAR(20)	Primary key
CategoryName	VARCHAR(20)	Not null, Unique
TotalSeats	INT	Not null

Payment

Attribute	Datatype	Constraints and Characteristics
PaymentID	VARCHAR(20)	Primary key
RegistrationNo	VARCHAR(20)	Foreign key , Not null
PaymentDate	DATE	Not null

Amount	FLOAT	Not null
PaymentFor	VARCHAR(20)	Not null

Admit_Card

Attribute	Datatype	Constraints and Characteristics
RollNo	VARCHAR(20)	Primary key
RegistrationNumber	VARCHAR(20)	Foreign key, Not null
ExamDate	DATE	Not null
ExamTime	TIMESTAMP	Not null
CenterCode	VARCHAR2(20)	Not null, Foreign Key

Centre

Attribute	Datatype	Constraints and Characteristics
CentreCode	VARCHAR2(20)	Primary key
CentreName	VARCHAR2(20)	Not null
City	VARCHAR2(20)	Not null
Address	VARCHAR2(100)	Not null

Result

Attribute	Datatype	Constraints and Characteristics
RollNo	VARCHAR2(20)	Primary key, Foreign key
Marks	NUMBER(3,2)	-
Rank	NUMBER(8)	-
CutoffId	VARCHAR2(20)	Foreign key, Not null

Cutoff

Attribute	Datatype	Constraints and Characteristics
CutoffId	VARCHAR2(20)	Primary key, Foreign key
CutoffMarks	NUMBER(3,2)	Not null

Counselling

Attribute	Datatype	Constraints and Characteristics
ReferenceNo	VARCHAR2(20)	Primary key
RegistrationNo	VARCHAR2(20)	Foreign key, Not null
RollNo	VARCHAR2(20)	Foreign key, Not null
PaymentId	VARCHAR2(20)	Foreign key, Not null

College

Attribute	Datatype	Constraints and Characteristics
CollegeId	VARCHAR2(20)	Primary key
CollegeName	VARCHAR2(20)	Not null
Address	VARCHAR2(100)	Not null

Branch

Attribute	Datatype	Constraints and Characteristics
BranchId	VARCHAR2(20)	Primary key
BranchName	VARCHAR2(20)	Not null
No_of_seats	NUMBER	Not null

Choices

Attribute	Datatype	Constraints and Characteristics
CollegeId	VARCHAR2(20)	Primary key(1), Foreign key
BranchId	VARCHAR2(20)	Primary key(2), Foreign key

ChoicesFilled

Attribute	Datatype	Constraints and Characteristics
ReferenceNo	VARCHAR2(20)	Primary key(1), Foreign key
CollegeId	VARCHAR2(20)	Primary key(2), Foreign key(1)
BranchId	VARCHAR2(20)	Primary key(3), Foreign key(2)

CounsellingResult

Attribute	Datatype	Constraints and Characteristics
ReferenceNo	VARCHAR2(20)	Primary key, Foreign key
CollegeId	VARCHAR2(20)	Foreign key(1), Not null
BranchId	VARCHAR2(20)	Foreign key(2), Not null

Functional Dependencies and Primary Key –

1) **Candidate –**
   RegistrationNumber -> { FirstName,LastName, DOB, MobileNo, Email, Gender, FatherName, Address, Password, SchoolDetails}
   Since all the fields depend on RegistrationNumber, $(RegistrationNumber)^+$ -> **R**.
   Hence, RegistrationNumber is a Primary Key

2) **Category –**
   CategoryID -> { CategoryName, TotalSeats}
   CategoryName -> { CategoryID, TotalSeats}
   Since all the fields depend on CategoryID, $(CategoryID)^+$ -> **R**.
   Hence, CategoryID is a Primary Key

3) **Payment –**
   PaymentID -> { RegistrationNumber, PaymentDate, Amount, PaymentFor }
   RegistrationNumber -> { PaymentID, PaymentDate, Amount, PaymentFor }
   Since all the fields depend on PaymentID, $(PaymentID)^+$ -> **R**.
   Hence, PaymentID is a Primary Key

4) **Admit_Card –**
   RollNo -> { RegistrationNumber, ExamDate, ExamTime }
   RegistrationNumber -> { RollNo, ExamDate, ExamTime }
   Since all the fields depend on RollNo, $(RollNo)^+$ -> **R**.
   Hence, RollNo is a Primary Key

5) **Centre –**
   CentreCode -> { CentreName, City }
   Since all the fields depend on CentreCode, $(CentreCode)^+$ -> **R**.
   Hence, CentreCode is Primary Key.

6) **Result –**
   RollNo -> { Marks, Rank, CutoffId }
   Since all fields depend on RollNo, $(RollNo)^+$ -> **R**.
   Hence, RollNo is Primary Key.

7) **Cutoff –**
   CutoffId -> {CutoffMarks}
   Since all fields depend on CutoffId, $(CutoffId)^+$ -> **R**.
   Hence, CutoffId is Primary Key.

8) **Counselling –**
   ReferenceNo -> { RegistrationNo, RollNo, PaymentId }
   RegistrationNo -> { ReferenceNo, RollNo, PaymentId }
   RollNo -> { RegistrationNo, ReferenceNo, PaymentId }
   PaymentId -> { RegistrationNo, RollNo, ReferenceNo }
   Since all fields depend on RefrenceNo, $(ReferenceNo)^+$ -> **R**.
   Hence, ReferenceNo is Primary Key.

9) **College –**
   CollegeId -> { CollegeName, Address }

Since all the fields depend on CollegeId, $(CollegeId)^+$ -> R.
Hence, CollegeId is Primary Key.

10) Branch –

BranchId -> { BranchName, No_of_seats }
Since all the fields depend on BranchId, $(BranchId)^+$ -> R.
Hence, BranchId is Primary Key.

11) Choices –

{ CollegeId, BranchId } -> { - }
Since all attributes are part of key, $(\{ CollegeId, BranchId \})^+$ -> R.
Hence, { CollegeId, BranchId } is Primary Key.

12) ChoicesFilled –

{ ReferenceNo, CollegeId, BranchId } -> { - }
Since all attributes are part of key, $(\{ ReferenceNo, CollegeId, BranchId \})^+$ -> R.
Hence, { ReferenceNo, CollegeId, BranchId } is Primary Key.

13) CounsellingResult –

ReferenceNo -> { CollegeId, BranchId }
Since all the fields depend on ReferenceNo, $(ReferenceNo)^+$ -> R.
Hence, ReferenceNo is Primary Key.

Normalization –

1) **Candidate**
   Primary key : RegistrationNumber
   All attributes depend on the RegistrationNumber, hence the table is in 2NF.
   All attributes depend directly on RegistratioNumber, hence the table is in 3NF.
   All determinants (RegistratioNumber) is Super key, hence the table is in BCNF.

2) **Category**
   Primary key: CategoryID
   All attributes depend on the CategoryID, hence the table is in 2NF.
   All attributes depend directly on CategoryID, hence the table is in 3NF.
   All determinants (CategoryID) is Super key, hence the table is in BCNF.

3) **Payment**
   Primary key: PaymentID
   All attributes depend on the PaymentID, hence the table is in 2NF.
   All attributes depend directly on PaymentID, hence the table is in 3NF.
   All determinants (PaymentID) is Super key, hence the table is in BCNF.

4) **Admit_Card**
   Primary key: RollNo
   All attributes depend on the RollNo, hence the table is in 2NF.
   All attributes depend directly on RollNo, hence the table is in 3NF.
   All determinats (RollNo) is Super key, hence the table is in BCNF.

5) **Centre**
   Primary key: CentreCode
   All attributes depend on the CentreCode, hence the table is in 2NF.
   All attributes depend directly on CentreCode, hence the table is in 3NF.
   All determinats (CentreCode) is Super key, hence the table is in BCNF.

6) **Result**
   Primary key: RollNo
   All attributes depend on the RollNo, hence the table is in 2NF.
   All attributes depend directly on RollNo, hence the table is in 3NF.
   All determinats (RollNo) is Super key, hence the table is in BCNF.

7) **Cutoff**
   Primary key: CutoffId
   All attributes depend on the CutoffId, hence the table is in 2NF.
   All attributes depend directly on CutoffId, hence the table is in 3NF.
   All determinats (CutoffId) is Super key, hence the table is in BCNF.

8) **Counselling**
   Primary key: ReferenceNo
   All attributes depend on the ReferenceNo, hence the table is in 2NF.
   All attributes depend directly on ReferenceNo, hence the table is in 3NF.

All determinats (ReferenceNo, RegistrationNo, RollNo, PaymentId) is Super key, hence the table is in BCNF.

9) College

Primary key: CollegeId
All attributes depend on the CollegeId, hence the table is in 2NF.
All attributes depend directly on CollegeId, hence the table is in 3NF.
All determinats (CollegeId) is Super key, hence the table is in BCNF.

10) Branch

Primary key: BranchId
All attributes depend on the BranchId, hence the table is in 2NF.
All attributes depend directly on BranchId, hence the table is in 3NF.
All determinats (BranchId) is Super key, hence the table is in BCNF.

11) Choices

Primary key: { CollegeId, BranchId }
All attributes are part of Primary key, hence the table is in 2NF as well as 3NF.
All determinats ({CollegeId, BranchId}) is Super key, hence the table is in BCNF.

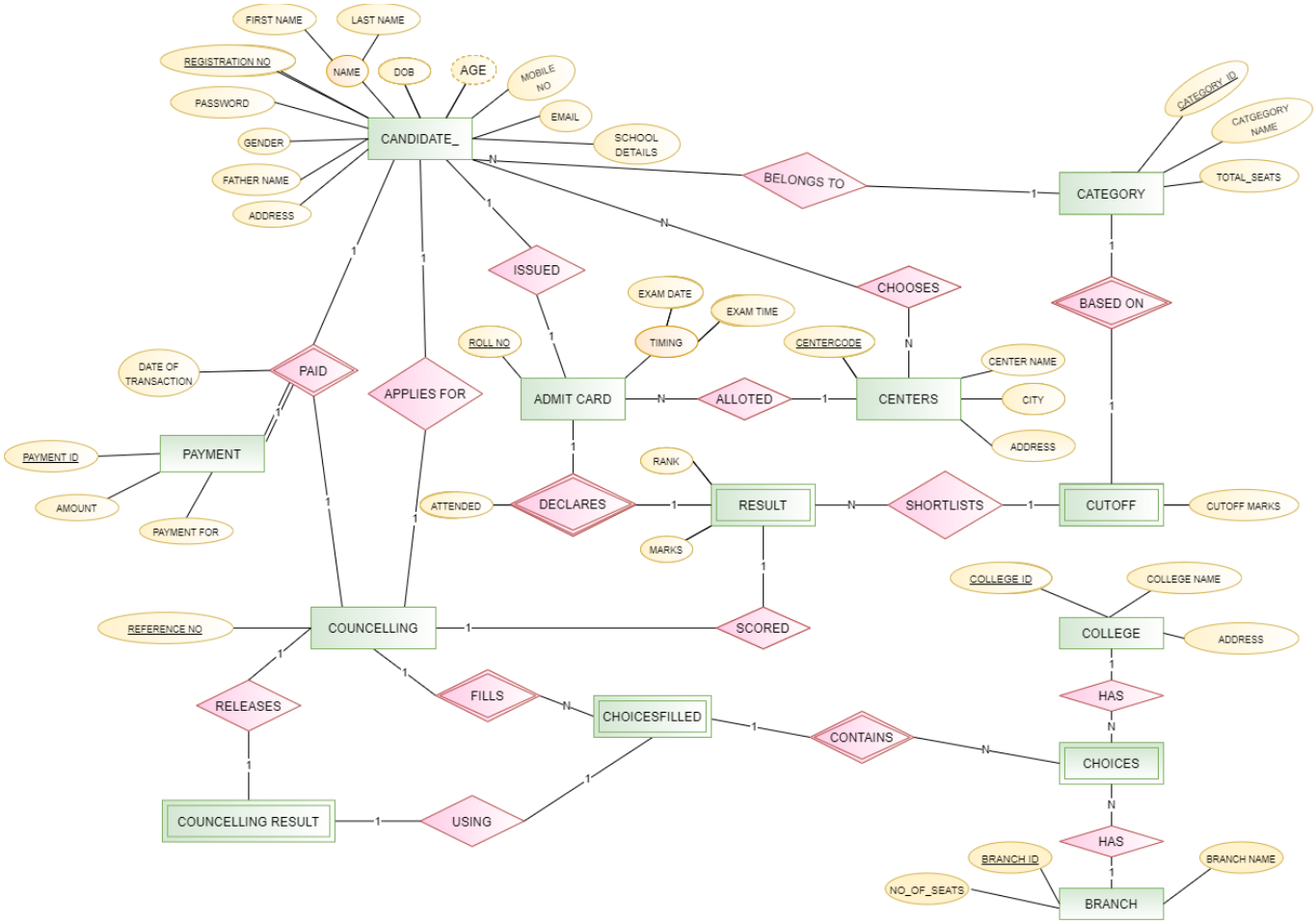
12) ChoicesFilled

Primary key: { ReferenceNo, CollegeId, BranchId }
All attributes are part of Primary key, hence the table is in 2NF as well as 3NF.
All determinats ({ReferenceNo, CollegeId, BranchId}) is Super key, hence the table is in BCNF.

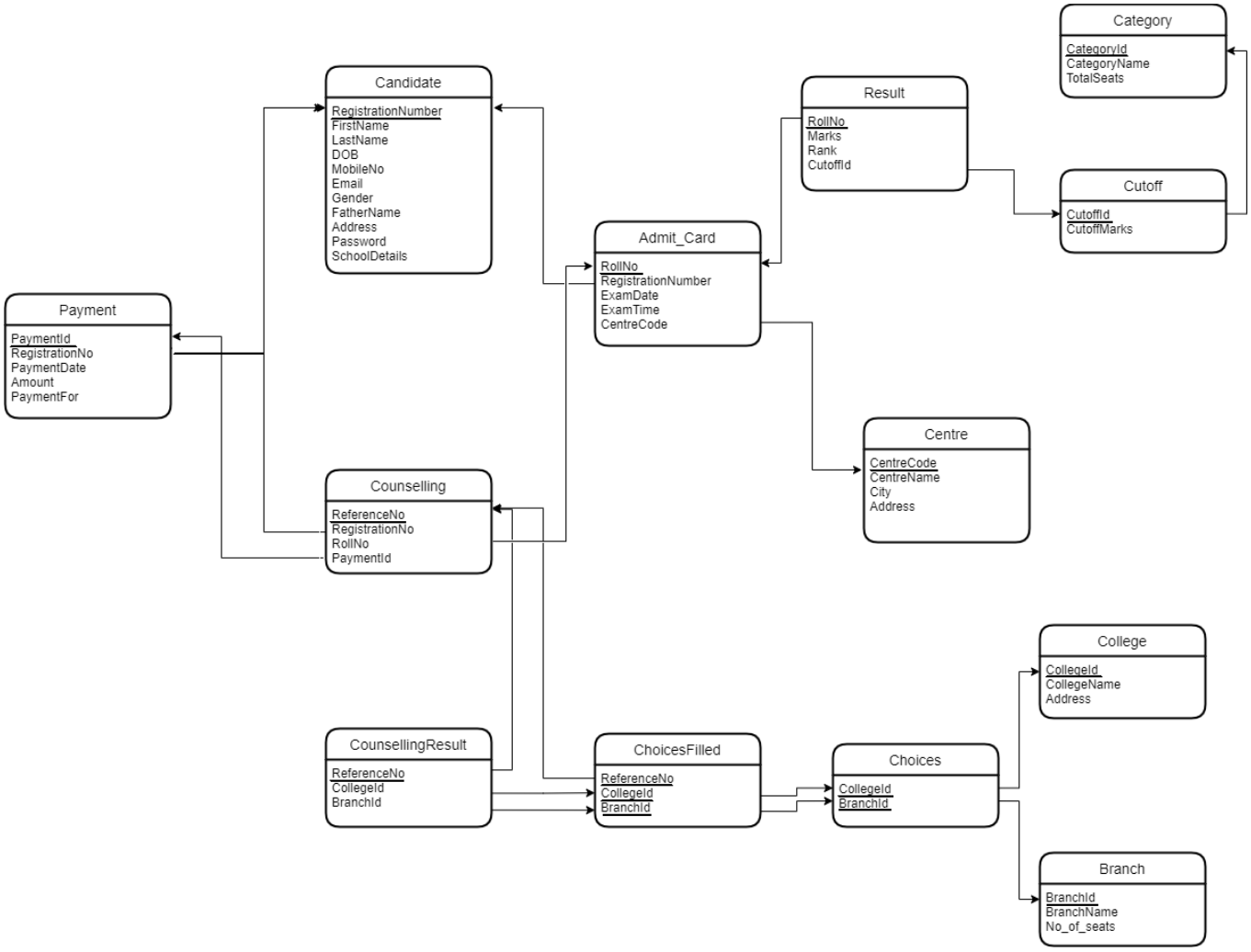
13) CounsellingResult

Primary key: ReferenceNo
All attributes depend on the ReferenceNo, hence the table is in 2NF.
All attributes depend directly on ReferenceNo, hence the table is in 3NF.
All determinats (ReferenceNo) is Super key, hence the table is in BCNF.

ER DIAGRAM:


FIRST NAME
LAST NAME
REGISTRATION NO
NAME
DOB
AGE
MOBILE NO
PASSWORD
EMAIL
GENDER
SCHOOL DETAILS
FATHER NAME
ADDRESS
CANDIDATE_
BELONGS TO
CATEGORY
CATEGORY_ID
CATGEGORY NAME
TOTAL_SEATS
ISSUED
CHOOSES
BASED ON
EXAM DATE
EXAM TIME
TIMING
ROLL NO
CENTERCODE
CENTER NAME
CITY
ADDRESS
DATE OF TRANSACTION
PAID
APPLIES FOR
ADMIT CARD
ALLOTED
CENTERS
PAYMENT ID
PAYMENT
AMOUNT
PAYMENT FOR
RANK
ATTENDED
DECLARES
RESULT
SHORTLISTS
CUTOFF
CUTOFF MARKS
MARKS
COLLEGE ID
COLLEGE NAME
REFERENCE NO
COUNCELLING
SCORED
COLLEGE
ADDRESS
RELEASES
FILLS
CHOICESFILLED
CONTAINS
HAS
CHOICES
COUNCELLING RESULT
USING
HAS
BRANCH ID
BRANCH NAME
NO_OF_SEATS
BRANCH

Relational Schema with Normalised Tables:



SQL Code :

Creating Table

```
CREATE TABLE CANDIDATE
(
    registrationNumber varchar(20) PRIMARY KEY,
    firstName varchar2(20) NOT NULL,
    lastName varchar2(20) NOT NULL,
    dob date NOT NULL,
    mobileNo number(10) NOT NULL,
    email varchar2(20) NOT NULL,
    gender varchar2(5) NOT NULL,
    fatherName varchar2(20) NOT NULL,
    address varchar2(40) NOT NULL,
    password varchar2(16) NOT NULL,
    schoolDetails varchar2(40) NOT NULL
);
```

```
CREATE TABLE CATEGORY
(
    categoryId varchar2(20) PRIMARY KEY,
    categoryName varchar2(20) NOT NULL,
    totalSeats int NOT NULL
);


CREATE TABLE PAYMENT
(
    paymentId varchar2(20) PRIMARY KEY,
    registrationNumber varchar2(20) NOT NULL,
    paymentDate date NOT NULL,
    amount float NOT NULL,
    paymentFor varchar2(20) NOT NULL,
    FOREIGN KEY (registrationNumber) REFERENCES CANDIDATE(registrationNumber)
);

CREATE TABLE CENTRE
(
    centreCode varchar2(20) PRIMARY KEY,
    centreName varchar2(20) NOT NULL,
    city varchar2(20) NOT NULL,
    address varchar2(100) NOT NULL
);

CREATE TABLE ADMIT_CARD
(
    rollNo varchar2(20) PRIMARY KEY,
    registrationNumber varchar2(20) NOT NULL,
    examDate date NOT NULL,
    examTime timestamp NOT NULL,
    centreCode varchar2(20) NOT NULL,
    FOREIGN KEY (registrationNumber) REFERENCES CANDIDATE(registrationNumber),
    FOREIGN KEY (centreCode) REFERENCES CENTRE(centreCode)
);

CREATE TABLE CUTOFF
(
    cutoffId varchar2(20) PRIMARY KEY,
    cutoffMarks number(5,2) NOT NULL,
    FOREIGN KEY (cutoffId) REFERENCES CATEGORY(categoryID),

);


CREATE TABLE RESULT
(
    rollNo varchar2(20) PRIMARY KEY,
    marks number(3,2),
    rank number(8),
    cutoffId varchar2(20) NOT NULL,
```

```
    FOREIGN KEY (rollNo) REFERENCES ADMIT_CARD(rollNo),
    FOREIGN KEY (cutoffId) REFERENCES CUTOFF(cutoffId)
);

CREATE TABLE COUNSELLING
(
    referenceNo varchar2(20) PRIMARY KEY,
    registrationNumber varchar2(20) NOT NULL,
    rollNo varchar2(20) NOT NULL,
    paymentId varchar2(20) NOT NULL,
    FOREIGN KEY (registrationNumber) REFERENCES CANDIDATE(registrationNumber),
    FOREIGN KEY (rollNo) REFERENCES ADMIT_CARD(rollNo),
    FOREIGN KEY (paymentId) REFERENCES PAYMENT(paymentId)
);

CREATE TABLE COLLEGE
(
    collegeId varchar2(20) PRIMARY KEY,
    collegeName varchar2(20) NOT NULL,
    address varchar2(100) NOT NULL
);

CREATE TABLE BRANCH
(
    branchId varchar2(20) PRIMARY KEY,
    branchName varchar2(20) NOT NULL,
    no_of_seats NUMBER NOT NULL
);

CREATE TABLE CHOICES
(
    collegeId varchar2(20) NOT NULL,
    branchId varchar2(20) NOT NULL,
    FOREIGN KEY (collegeId) REFERENCES COLLEGE(collegeId),
    FOREIGN KEY (branchId) REFERENCES BRANCH(branchId),
    PRIMARY KEY(collegeId, branchId)
);

CREATE TABLE CHOICESFILLED
(
    referenceNo varchar2(20) NOT NULL,
    collegeId varchar2(20) NOT NULL,
    branchId varchar2(20) NOT NULL,
    FOREIGN KEY (referenceNo) REFERENCES COUNSELLING(referenceNo),
    FOREIGN KEY (collegeId, branchId) REFERENCES CHOICES(collegeId, branchId),
    PRIMARY KEY(referenceNo, collegeId, branchId)
);

CREATE TABLE COUNSELLINGRESULT
(
    referenceNo varchar2(20) PRIMARY KEY,
    collegeId varchar2(20) NOT NULL,
```

```
    branchId varchar2(20) NOT NULL,
    FOREIGN KEY (referenceNo, collegeId, branchId) REFERENCES CHOICESFILLED(referenceNo,
 collegeId, branchId)
);
```

TABLE INSERTION:

1. Candidate

```
INSERT INTO CANDIDATE VALUES(9001,'ABHISHEK','PRATAP','08-03-
2001', 7479734685,'ABHISHEK@GMAIL.COM','M','AVINASH KUMAR','BIHAR','PW1','STD1');

INSERT INTO CANDIDATE VALUES(9002,'RAGHAV ','MUKATI','11-02-
2001', 7610760240,'RAGHAV @GMAIL.COM','M','MR. MUKATI','MADHYA PRADESH','PW2','STD
2');

INSERT INTO CANDIDATE VALUES(9003,'SUFIYAN','ANSARI','07-04-
2000', 7068502705,'SUFIYAN@GMAIL.COM','M','MOHD AHMAD','UTTAR PRADESH','PW3','STD3
');

INSERT INTO CANDIDATE VALUES(9004,'ANSHUMAN','MISHRA','21-06-
2002', 9875656565,'ANSHUMAN@GMAIL.COM','M','MR. MISHRA','UTTAR PRADESH','PW4','STD
4');

INSERT INTO CANDIDATE VALUES(9005,'SATVIK','YANDAPALLI','09-11-
2001', 9110059876,'SATVIK@GMAIL.COM','M','HANUMATH PRASAD','TELANGANA','PW5','STD5
');

INSERT INTO CANDIDATE VALUES(9006,'ANUSHKA ','SINGH','22-07-
2001', 9151984353,'ANUSHKA @GMAIL.COM','F','MR SINGH','BIHAR','PW6','STD6');

INSERT INTO CANDIDATE VALUES(9007,'PIYUSH','VERMA','12-12-
2000', 7843798475,'PIYUSH@GMAIL.COM','M','MR VERMA','JHARKHAND','PW7','STD7');

INSERT INTO CANDIDATE VALUES(9008,'ANSHIKA','KHANNA','23-09-
2000', 9793207796,'ANSHIKA@GMAIL.COM','F','SHARAD KHANNA','UTTAR PRADESH','PW8','S
TD8');

INSERT INTO CANDIDATE VALUES(9009,'PRATYUSH','MISHRA','12-11-
2000', 7080899988,'PRATYUSH@GMAIL.COM','M','MR SRIVASTAVA','BIHAR','PW9','STD9');

INSERT INTO CANDIDATE VALUES(9010,'DIVAS','JINDAL','29-02-
2000', 8985965898,'DIVAS@GMAIL.COM','M','MR JINDAL','RAJASTHAN','PW10','STD10');
```

2. CATEGORY

```
INSERT INTO CATEGORY VALUES('C01','GEN', 240);
INSERT INTO CATEGORY VALUES('C02','OBC', 120);
INSERT INTO CATEGORY VALUES('C03','GEN-PWD', 50);
INSERT INTO CATEGORY VALUES('C04','OBC-PWD', 50);
INSERT INTO CATEGORY VALUES('C05','SC', 180);
INSERT INTO CATEGORY VALUES('C06','ST', 180);
INSERT INTO CATEGORY VALUES('C07','SC-PWD', 50);
INSERT INTO CATEGORY VALUES('C08','ST-PWD', 50);
```

3. BRANCH

```
INSERT INTO BRANCH VALUES('B01','CE', 180);
INSERT INTO BRANCH VALUES('B02','CSE', 180);
INSERT INTO BRANCH VALUES('B03','META', 180);
INSERT INTO BRANCH VALUES('B04','MME', 180);
INSERT INTO BRANCH VALUES('B05','EEE', 180);
INSERT INTO BRANCH VALUES('B06','ECE', 180);
INSERT INTO BRANCH VALUES('B07','MECH', 180);
```

4. CENTRE

```
INSERT INTO CENTRE VALUES('CT01','ION ZONE','ALLAHABAD','ZONE1');
INSERT INTO CENTRE VALUES('CT02','MION ZONE','WARANGAL','ZONE1');
INSERT INTO CENTRE VALUES('CT03','BION ZONE','PATNA','ZONE3');
INSERT INTO CENTRE VALUES('CT04','PION ZONE','RAJGEER','ZONE4');
INSERT INTO CENTRE VALUES('CT05','VION ZONE','HYDERABAD','WEST ZONE');
INSERT INTO CENTRE VALUES('CT06','ION ZONE','ALLAHABAD','NORTH ZONE');
INSERT INTO CENTRE VALUES('CT07','ION ZONE','LUCKNOW','ZONE2');
INSERT INTO CENTRE VALUES('CT08','AKTU ZONE','BHOPAL','SOUTH ZONE');
```

5. COLLEGE

```
INSERT INTO COLLEGE VALUES('CL01','NITW','WARANGAL');
INSERT INTO COLLEGE VALUES('CL02','NITA','ANDHRA PRADESH');
INSERT INTO COLLEGE VALUES('CL03','MNNIT','ALLAHABAD');
INSERT INTO COLLEGE VALUES('CL04','IITB','MUMBAI');
INSERT INTO COLLEGE VALUES('CL05','IIITA','ALLAHABAD');
INSERT INTO COLLEGE VALUES('CL06','IITD','DELHI');
INSERT INTO COLLEGE VALUES('CL07','NITP','PATNA');
```

6. PAYMENT

```
INSERT INTO PAYMENT VALUES('P01','9001','30-04-2021',1500,'REG');
INSERT INTO PAYMENT VALUES('P02','9002','28-04-2021',1500,'REG');
INSERT INTO PAYMENT VALUES('P03','9003','26-04-2021',2000,'COUNSELLING');
INSERT INTO PAYMENT VALUES('P04','9004','24-04-2021',1500,'REG');
INSERT INTO PAYMENT VALUES('P05','9005','22-04-2021',1500,'REG');
INSERT INTO PAYMENT VALUES('P06','9006','20-04-2021',2000,'COUNSELLING');
INSERT INTO PAYMENT VALUES('P07','9007','18-04-2021',1500,'REG');
INSERT INTO PAYMENT VALUES('P08','9008','16-04-2021',1500,'REG');
INSERT INTO PAYMENT VALUES('P09','9009','14-04-2021',2000,'COUNSELLING');
INSERT INTO PAYMENT VALUES('P10','9010','12-04-2021',1500,'REG');
```

7. ADMIT_CARD

```
INSERT INTO ADMIT_CARD VALUES('8001','9001','15-05-2021','09:00','CT01');
INSERT INTO ADMIT_CARD VALUES('8002','9002','15-05-2021','12:00','CT02');
INSERT INTO ADMIT_CARD VALUES('8003','9003','15-05-2021','09:00','CT03');
INSERT INTO ADMIT_CARD VALUES('8004','9004','15-05-2021','09:00','CT04');
INSERT INTO ADMIT_CARD VALUES('8005','9005','15-05-2021','12:00','CT05');
INSERT INTO ADMIT_CARD VALUES('8006','9006','15-05-2021','09:00','CT06');
INSERT INTO ADMIT_CARD VALUES('8007','9007','15-05-2021','09:00','CT07');
INSERT INTO ADMIT_CARD VALUES('8008','9008','15-05-2021','12:00','CT08');
INSERT INTO ADMIT_CARD VALUES('8009','9009','15-05-2021','09:00','CT01');
INSERT INTO ADMIT_CARD VALUES('8010','9010','15-05-2021','09:00','CT02');
```

8. CUTOFF

```
INSERT INTO CUTOFF VALUES('C01',92);
INSERT INTO CUTOFF VALUES('C02',75);
INSERT INTO CUTOFF VALUES('C03',34);
INSERT INTO CUTOFF VALUES('C04',30);
INSERT INTO CUTOFF VALUES('C05',45);
INSERT INTO CUTOFF VALUES('C06',40);
INSERT INTO CUTOFF VALUES('C07',15);
INSERT INTO CUTOFF VALUES('C08',13);
```

9. RESULT

```
INSERT INTO RESULT VALUES('8001',280,'1','C01');
INSERT INTO RESULT VALUES('8002',210,'3','C02');
INSERT INTO RESULT VALUES('8003',230,'2','C03');
INSERT INTO RESULT VALUES('8004',160,'6','C04');
INSERT INTO RESULT VALUES('8005',180,'4','C01');
INSERT INTO RESULT VALUES('8006',125,'10','C02');
INSERT INTO RESULT VALUES('8007',178,'5','C03');
INSERT INTO RESULT VALUES('8008',156,'7','C04');
INSERT INTO RESULT VALUES('8009',145,'8','C05');
INSERT INTO RESULT VALUES('8010',140,'9','C06');
```

10. COUNSELLING

```
INSERT INTO COUNSELLING VALUES('RF01','9001','8001','P01');
INSERT INTO COUNSELLING VALUES('RF02','9002','8002','P02');
INSERT INTO COUNSELLING VALUES('RF03','9003','8003','P03');
INSERT INTO COUNSELLING VALUES('RF04','9004','8004','P04');
INSERT INTO COUNSELLING VALUES('RF05','9005','8005','P05');
INSERT INTO COUNSELLING VALUES('RF06','9006','8006','P06');
INSERT INTO COUNSELLING VALUES('RF07','9007','8007','P07');
INSERT INTO COUNSELLING VALUES('RF08','9008','8008','P08');
INSERT INTO COUNSELLING VALUES('RF09','9009','8009','P09');
INSERT INTO COUNSELLING VALUES('RF10','9010','8010','P10');
```

11. CHOICES

```
INSERT INTO CHOICES VALUES('CL01','B01');
INSERT INTO CHOICES VALUES('CL01','B02');
INSERT INTO CHOICES VALUES('CL01','B03');
INSERT INTO CHOICES VALUES('CL01','B04');
INSERT INTO CHOICES VALUES('CL01','B05');
INSERT INTO CHOICES VALUES('CL01','B06');
INSERT INTO CHOICES VALUES('CL01','B07');
INSERT INTO CHOICES VALUES('CL02','B01');
INSERT INTO CHOICES VALUES('CL02','B02');
INSERT INTO CHOICES VALUES('CL02','B03');
INSERT INTO CHOICES VALUES('CL02','B04');
INSERT INTO CHOICES VALUES('CL02','B05');
INSERT INTO CHOICES VALUES('CL03','B01');
INSERT INTO CHOICES VALUES('CL03','B02');
INSERT INTO CHOICES VALUES('CL03','B03');
INSERT INTO CHOICES VALUES('CL03','B06');
INSERT INTO CHOICES VALUES('CL03','B07');
INSERT INTO CHOICES VALUES('CL03','B01');
INSERT INTO CHOICES VALUES('CL04','B02');
INSERT INTO CHOICES VALUES('CL04','B03');
INSERT INTO CHOICES VALUES('CL05','B04');
INSERT INTO CHOICES VALUES('CL05','B05');
INSERT INTO CHOICES VALUES('CL06','B06');
INSERT INTO CHOICES VALUES('CL06','B07');
```

12.CHOICESFILLED

```
INSERT INTO CHOICESFILLED VALUES('RF01','CL01','B01');
INSERT INTO CHOICESFILLED VALUES('RF01','CL01','B02');
INSERT INTO CHOICESFILLED VALUES('RF01','CL02','B04');
INSERT INTO CHOICESFILLED VALUES('EF01','CL02','B05');
INSERT INTO CHOICESFILLED VALUES('RF02','CL03','B07');
INSERT INTO CHOICESFILLED VALUES('RF02','CL03','B01');
INSERT INTO CHOICESFILLED VALUES('RF03','CL04','B02');
INSERT INTO CHOICESFILLED VALUES('RF03','CL04','B03');
INSERT INTO CHOICESFILLED VALUES('RF03','CL05','B04');
```

```
INSERT INTO CHOICESFILLED VALUES('RF04','CL05','B05');
INSERT INTO CHOICESFILLED VALUES('RF04','CL01','B01');
INSERT INTO CHOICESFILLED VALUES('RF04','CL01','B02');
INSERT INTO CHOICESFILLED VALUES('RF04','CL02','B04');
INSERT INTO CHOICESFILLED VALUES('RF05','CL02','B05');
INSERT INTO CHOICESFILLED VALUES('RF05','CL03','B07');
INSERT INTO CHOICESFILLED VALUES('RF05','CL03','B01');
INSERT INTO CHOICESFILLED VALUES('RF05','CL04','B02');
INSERT INTO CHOICESFILLED VALUES('RF05','CL04','B03');
INSERT INTO CHOICESFILLED VALUES('RF06','CL05','B04');
INSERT INTO CHOICESFILLED VALUES('RF06','CL05','B05');
INSERT INTO CHOICESFILLED VALUES('RF07','CL02','B01');
INSERT INTO CHOICESFILLED VALUES('RF07','CL02','B02');
INSERT INTO CHOICESFILLED VALUES('RF07','CL02','B03');
INSERT INTO CHOICESFILLED VALUES('RF08','CL02','B04');
INSERT INTO CHOICESFILLED VALUES('RF08','CL02','B05');
INSERT INTO CHOICESFILLED VALUES('RF09','CL03','B01');
INSERT INTO CHOICESFILLED VALUES('RF09','CL03','B02');
INSERT INTO CHOICESFILLED VALUES('RF10','CL03','B03');
INSERT INTO CHOICESFILLED VALUES('RF10','CL03','B01');
INSERT INTO CHOICESFILLED VALUES('RF10','CL04','B02');
INSERT INTO CHOICESFILLED VALUES('RF10','CL04','B03');
```

13.COUNSELLINGRESULT

```
INSERT INTO COUNSELLINGRESULT VALUES('RF01','CL01','B01');
INSERT INTO COUNSELLINGRESULT VALUES('RF02','CL03','B01');
INSERT INTO COUNSELLINGRESULT VALUES('RF03','CL05','B04');
INSERT INTO COUNSELLINGRESULT VALUES('RF04','CL01','B02');
INSERT INTO COUNSELLINGRESULT VALUES('RF05','CL04','B02');
INSERT INTO COUNSELLINGRESULT VALUES('RF06','CL05','B05');
INSERT INTO COUNSELLINGRESULT VALUES('RF07','CL02','B03');
INSERT INTO COUNSELLINGRESULT VALUES('RF08','CL02','B05');
INSERT INTO COUNSELLINGRESULT VALUES('RF09','CL03','B02');
INSERT INTO COUNSELLINGRESULT VALUES('RF10','CL03','B01');
```