PROJECT: RAW 2.0.D

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Our Group Our Strength

NEVER, EVER, GIVE UP

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Introduction to Project R.A.W:

- Our project is about **R.A.W** database management system. It is basically a desktop-based software system which is helping to provide freelancing services.

- As we recently started the project work, it is an ongoing event.

- Simple Intro of the Database System of the **R.A.W**:

- There are 3 types of users for this project.

    1. Buyer,

    2. Seller &

    3. Admin

- Buyer, Seller and Admin information is highly secured with their **"Security Password"** and **"Unique Username"**.

- In this software, a buyer can post a job and multiple sellers can request for that job willingly. This is the starting of the whole process.

- **R.A.W** management system also has a well-planned and organized account managing system. So, the transfer of the money from buyer account to seller account and deduction of admin percentage is clearly visible.

- Last of all it is basically a well-planned and organized software system and the moto of the **R.A.W** management system is: **Your security, Our Priority.**

Case Study:

In this RAW project, there are basically 3 types of user and they are:

i) Buyer ii) Seller & iii) Admin.

In this management system, an Admin is operating the whole system. So, at first, we are characterizing the *Admin* by ("NAME", "MAIL", "PASS", "NATIONAL ID", "NATIONALITY", "PASSPORT NO", "DESCRIPTION", "ACCOUNT NO").

A *Buyer* can be defined by ("BUYER USER NAME", "ACCOUNT NUMBER", "E-MAIL", "PASSWORD", "BUYER FULL NAME", "DATE OF BIRTH", "GENDER", "NATIONAL ID NO", "NATIONALITY", "PASSPORT NO", "CONTACT NO", "DESCRIPTION", "ACTIVE STATUS", "BIODATA", "ACCOUNT CREATE HISTORY", "BUYER RATING", "PUBLICITY").

A *Seller* can be defined by ("SELLER USER NAME", "ACCOUNT NUMBER", "E-MAIL", "PASSWORD", "SELLER FULL NAME", "DATE OF BIRTH", "GENDER", "NATIONAL ID NO", "NATIONALITY", "PASSPORT NO", "CONTACT NO", "SKILLS", "DESCRIPTION", "ACTIVE STATUS", "BIODATA", "ACCOUNT CREATE HISTORY", "SELLER RATING", "PUBLICITY").

A *Buyer* will *Post A Job* and the job will be defined by ("PROJECT ID", "BUYER USER NAME", "PROJECT NAME", "BASE TOPIC", "RELATED SKILLS", "DESCRIPTION", "ESTIMATED TIME", "HISTORY", "JOB STATUS", "JOB PRICE"). Multiple *Sellers* can request for the job and only one will get the job which will be accepted by the *Buyer.*

The *Requested Jobs* will be defined by ("PROJECT ID", "SELLER USER NAME", "BUYER USER NAME", "BASE TOPIC", "PROJECT NAME", "RELATED SKILLS", "DESCRIPTION", "HISTORY", "DEADLINE", "REQUEST STATUS", "JOB PRICE"). The remaining process will be terminated if the *Buyer* don't accept the request that coming from the *Seller*.

But if the *Buyer* accepts the request then *Accepted Jobs* will be characterized by ("PROJECT ID", "SELLER USER NAME", "BUYER USER NAME", "BASE TOPIC", "PROJECT NAME", "RELATED SKILLS", "DESCRIPTION", "HISTORY", "DEADLINE", "ACCEPT STATUS", "JOB PRICE") and the status of those jobs will be defined as **"Pending"**. If the Job is not accepted by the *Buyer,* then that job will be again available for the other *Sellers.*

Then the *Sellers* who got the jobs they can submit the job through a submission link and this will be considered as *Submitted Work* which will be characterized by ("PROJECT ID", "SELLER USER NAME", "BUYER USER NAME", "PROJECT NAME", "BASE TOPIC", "SUBMIT LINK", "HISTORY", "DEADLINE", "SUBMIT STATUS", "ACCEPT STATUS", "JOB PRICE").

If the job is holding all the requirements then a *Buyer* will accept the work and then the transaction of money will begin. If the job is not proper then the *Buyer* will decline the work to be accepted. If it is acceptable then *Accepted Work* will be identified by ("PROJECT ID", "SELLER USER NAME", "BUYER USER NAME", "PROJECT NAME", "BASE TOPIC", "SUBMIT LINK", "HISTORY", "DUE TIME", "BUYER ACCOUNT NUMBER", "TRANSACTION ID", "JOB PRICE").

After submitting a project or job there will be opening 3 sections. They are:
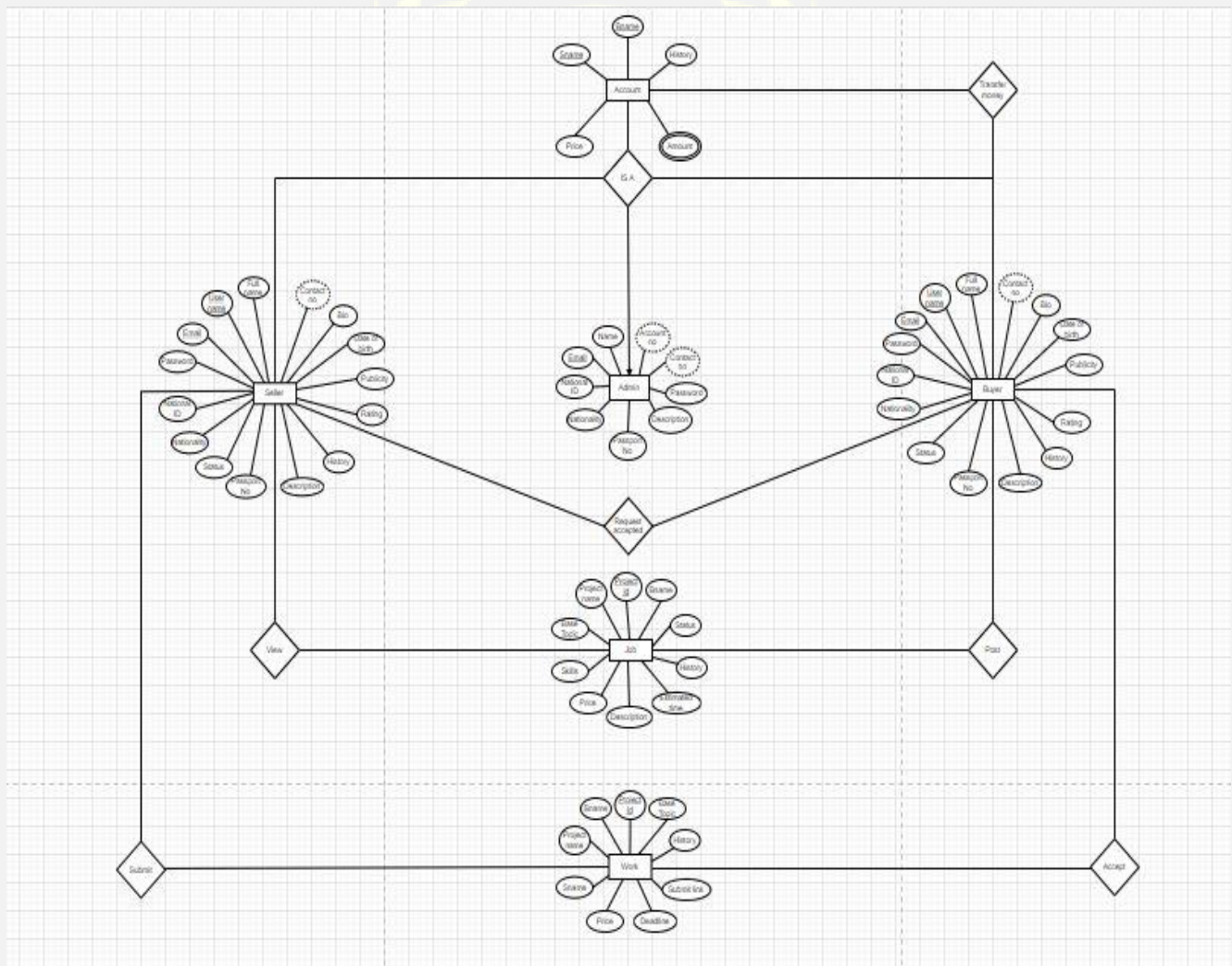
1. Admin Account,

2. Buyer Account &

3. Seller Account.

Admin Account will be defined by ("ACCOUNT NUMBER","TRANSACTION ID", "SELLER USER NAME", "BUYER USER NAME", "HISTORY", "BUYER TO SELLER TRANSFER MONEY", "ADMIN RECEIVED", "CURRENT AMOUNT", "WITHDRAW","DEPOSIT", "CURRENT AMOUNT").

Buyer Account will be identified by ("BUYER USER NAME", "ACCOUNT NUMBER","TRANSACTION ID", "SELLER USER NAME", "HISTORY", "BUYER TO SELLER TRANSFER MONEY", "SEND BONUS", "TOTAL SEND AMOUNT", "CURRENT AMOUNT", "DEPOSIT", "WITHDRAW", "CURRENT AMOUNT").

A Seller Account is identifiable by ("SELLER USER NAME", "SELLER ACCOUNT NUMBER", "TRANSACTION ID", "BUYER USER NAME", "HISTORY", "BUYER TO SELLER TRANSFER MONEY", "SELLER RECEIVED", "GET BONUS", "TOTAL RECEIVED AMOUNT", "CURRENT AMOUNT", "DEPOSIT", "WITHDRAW", "CURRENT AMOUNT");

ER Diagram of Project R.A.W:

Normalization

Table Name: ADMIN

NAME	MAIL	PASS	NATIONAL ID	NATIONALITY	PASSPORT NO	DESCRIPTION	ACCOUNT NO
RAW	raw@gmail.com	Raw@20	00478874	Bangladeshi	BD7845ER1897	Credit Goes to: NILOY KANTI PAUL, KAUSHIK BISWAS, MD.JIDAN RAHMAN, MD.ALINUR HOSSAIN, (ALL RIGHTS RESERVED BY @TEAM DELTA)	BD 9876 5432 2584

1NF	2NF	3NF
No multivalued attributes.	Found functional dependency, No partial dependency.	No transitive dependency

Table after Normalization:

"NAME", "MAIL", "PASS", "NATIONAL ID", "NATIONALITY", "PASSPORT NO", "DESCRIPTION", "ACCOUNT NO"

Table Name: SELLER

("SELLER USER NAME", "ACCOUNT NUMBER", "E-MAIL", "PASSWORD", "SELLER FULL NAME", "DATE OF BIRTH", "GENDER", "NATIONAL ID NO", "NATIONALITY", "PASSPORT NO", "CONTACT NO", "SKILLS", "DESCRIPTION", "ACTIVE STATUS", "BIODATA", "ACCOUNT CREATE HISTORY", "SELLER RATING", "PUBLICITY").

1NF	2NF	3NF
No multivalued attributes.	Found functional dependency, No partial dependency.	No transitive dependency

Table after Normalization:

"SELLER USER NAME", "ACCOUNT NUMBER", "E-MAIL", "PASSWORD", "SELLER FULL NAME", "DATE OF BIRTH", "GENDER", "NATIONAL ID NO", "NATIONALITY", "PASSPORT NO", "CONTACT NO", "SKILLS", "DESCRIPTION", "ACTIVE STATUS", "BIODATA", "ACCOUNT CREATE HISTORY", "SELLER RATING", "PUBLICITY"

Table Name: BUYER

("BUYER USER NAME", "ACCOUNT NUMBER", "E-MAIL", "PASSWORD", "BUYER FULL NAME", "DATE OF BIRTH", "GENDER", "NATIONAL ID NO", "NATIONALITY", "PASSPORT NO", "CONTACT NO", "DESCRIPTION", "ACTIVE STATUS", "BIODATA", "ACCOUNT CREATE HISTORY", "BUYER RATING", "PUBLICITY").

1NF	2NF	3NF
No multivalued attributes.	Found functional dependency, No partial dependency.	No transitive dependency

Table after Normalization:

"BUYER USER NAME", "ACCOUNT NUMBER", "E-MAIL", "PASSWORD", "BUYER FULL NAME", "DATE OF BIRTH", "GENDER", "NATIONAL ID NO", "NATIONALITY", "PASSPORT NO", "CONTACT NO", "DESCRIPTION", "ACTIVE STATUS", "BIODATA", "ACCOUNT CREATE HISTORY", "BUYER RATING", "PUBLICITY"

Table Name: JOB

PROJECT ID	BUYER USER NAME	PROJECT NAME	BASE TOPIC	RELATED SKILLS	DESCRIPTION	ESTIMATED TIME	HISTORY	JOB STATUS	JOB PRICE
0001	Smith	My Dream Work	CSS	HTML, C#	This is my dream project to build a web with great design. So only passionate members are welcome for this dream project.	10	Saturday:January . 01.17.2015: 05.55.27.816: USA~Standard~Time.-0500	Active	150

1NF	2NF	3NF
No multivalued attributes.	Found functional dependency, No partial dependency.	No transitive dependency

Table after Normalization:

"PROJECT ID", "BUYER USER NAME", "PROJECT NAME", "BASE TOPIC", "RELATED SKILLS", "DESCRIPTION", "ESTIMATED TIME", "HISTORY", "JOB STATUS", "JOB PRICE"

Table Name: REQUESTED JOB

Column Name	Value
PROJECT ID	0002
SELLER USER NAME	Jhonson
BUYER USER NAME	Smith
BASE TOPIC	HTML
PROJECT NAME	My Dream Work-2
RELATED SKILLS	CSS, C#
DESCRIPTION	This is my dream project to build a web with great design. It is my second project. So only passionate members are welcome for this dream project.
HISTORY	Friday:July.07.07.2017:19.26.21.791:USA~Standard~Time.-0500
DEADLINE	Monday:July.07.10.2017:12.31.10.812:USA~Standard~Time.-0500
REQUEST STATUS	DUE TIME
JOB PRICE	115

1NF	2NF	3NF
No multivalued attributes.	Found functional dependency, No partial dependency.	No transitive dependency

Table after Normalization:

"PROJECT ID", "SELLER USER NAME", "BUYER USER NAME", "BASE TOPIC", "PROJECT NAME", "RELATED SKILLS", "DESCRIPTION", "HISTORY", "DEADLINE", "REQUEST STATUS", "JOB PRICE"

Table Name: ACCEPTED JOB

Column Name	Value
PROJECT ID	0001
SELLER USER NAME	Marrie
BUYER USER NAME	Smith
BASE TOPIC	CSS
PROJECT NAME	My Dream Work
RELATED SKILLS	HTML,C#
DESCRIPTION	This is my dream project to build a web with great design. So only passionate members are welcome for this dream project.
HISTORY	Tuesday:January.01.20.2015:19.09.05.092:USA~Standard~Time.-0500
DEADLINE	Monday:February.02.02.2015:19.09.05.092:USA~Standard~Time.-0500
REQUEST STATUS	Accepted
JOB PRICE	150

1NF	2NF	3NF
No multivalued attributes.	Found functional dependency, No partial dependency.	No transitive dependency

Table after Normalization:

"PROJECT ID", "SELLER USER NAME", "BUYER USER NAME", "BASE TOPIC", "PROJECT NAME", "RELATED SKILLS", "DESCRIPTION", "HISTORY", "DEADLINE", "ACCEPT STATUS", "JOB PRICE"

Table Name: SUBMITTED WORK

Column Name	Value
PROJECT ID	0006
SELLER USER NAME	Marrie
BUYER USER NAME	James'
PROJECT NAME	Software for a library management system-2
BASE TOPIC	PYTHON
SUBMIT LINK	http://drive.google.com /drive/folders/1DCTYoY9v3BjsmFdQskcdEeeX?usp=sharing
HISTORY	Wednesday:August.08.14.2019:21.57.37.366:BD~Standard~Time. +0600
DEADLINE	Friday:August.08.16.2019:21.57.37.366:BD~Standard~Time.+0600
SUBMIT STATUS	Due Time
ACCEPT STATUS	Pending
JOB PRICE	256

1NF	2NF	3NF
No multivalued attributes.	Found functional dependency, No partial dependency.	No transitive dependency

Table after Normalization:

"PROJECT ID", "SELLER USER NAME", "BUYER USER NAME", "PROJECT NAME", "BASE TOPIC", "SUBMIT LINK", "HISTORY", "DEADLINE", "SUBMIT STATUS", "ACCEPT STATUS", "JOB PRICE"

Table Name: ACCEPTED WORK

Column Name	Value
PROJECT ID	0006
SELLER USER NAME	Marrie
BUYER USER NAME	James'
PROJECT NAME	Software for a library management system-2
BASE TOPIC	PYTHON
SUBMIT LINK	http://drive.google.com /drive/folders/1DCTYoY9v3BjsmFdQskcdEeeX?usp=sharing
HISTORY	Wednesday:August.08.14.2019:21.57.37.366:BD~Standard~Time. +0600
DUE TIME	Friday:August.08.16.2019:21.57.37.366:BD~Standard~Time.+0600
BUYER ACCOUNT NUMBER	US159CD8654
TRANSACTION ID	AB003300
JOB PRICE	256

1NF	2NF	3NF
No multivalued attributes.	Found functional dependency, No partial dependency.	No transitive dependency

Table after Normalization:

"PROJECT ID", "SELLER USER NAME", "BUYER USER NAME", "PROJECT NAME", "BASE TOPIC", "SUBMIT LINK", "HISTORY", "DUE TIME", "BUYER ACCOUNT NUMBER", "TRANSACTION ID", "JOB PRICE"

Table Name: BUYER ACCOUNT

Column Name	Value
BUYER USER NAME	Smith
ACCOUNT NUMBER	US0025445850
TRANSACTION ID	Us0011 0022 0033
SELLER USER NAME	Jhonson
HISTORY	Wednesday:August.08.14.2019:21.57.37.366:BD~Standard~Time.+0600
BUYER TO SELLER TRANSFER MONEY	230
SEND BONUS	5
TOTAL SEND AMOUNT	235
CURRENT AMOUNT	2300
DEPOSIT	0
WITHDRAW	0
CURRENT AMOUNT	2300

1NF	2NF	3NF
No multivalued attributes.	Found functional dependency, No partial dependency.	Transitive dependency found.

Table 1	"BUYER USER NAME", "ACCOUNT NUMBER","TRANSACTION ID", "SELLER USER NAME", "HISTORY", "BUYER TO SELLER TRANSFER MONEY", "SEND BONUS", "TOTAL SEND AMOUNT", "CURRENT AMOUNT"
Table 2	"BUYER USER NAME", "ACCOUNT NUMBER","TRANSACTION ID", "HISTORY", "DEPOSIT", "WITHDRAW", "CURRENT AMOUNT"

Table after Normalization:

Table 1:
"BUYER USER NAME", "ACCOUNT NUMBER","TRANSACTION ID", "SELLER USER NAME", "HISTORY", "BUYER TO SELLER TRANSFER MONEY", "SEND BONUS", "TOTAL SEND AMOUNT", "CURRENT AMOUNT"
Table 2:
"BUYER USER NAME", "ACCOUNT NUMBER","TRANSACTION ID", "HISTORY", "DEPOSIT", "WITHDRAW", "CURRENT AMOUNT"

Column Name	Value
SELLER USER NAME	Jhonson
ACCOUNT NUMBER	US0025445850
TRANSACTION ID	Us0011 0022 0033
BUYER USER NAME	Smith
HISTORY	Wednesday:August.08.14.2019:21.57.37.366:BD~Standard~Time.+0600
BUYER TO SELLER TRANSFER MONEY	230
SELLER RECEIVED	207
GET BONUS	5
TOTAL RECEIVED AMOUNT	212
CURRENT AMOUNT	212
DEPOSIT	0
WITHDRAW	0
CURRENT AMOUNT	212

1NF	2NF	3NF
No multivalued attributes.	Found functional dependency, No partial dependency.	Transitive dependency found.

Table 1	"SELLER USER NAME", "SELLER ACCOUNT NUMBER", "TRANSACTION ID", "BUYER USER NAME", "HISTORY", "BUYER TO SELLER TRANSFER MONEY", "SELLER RECEIVED", "GET BONUS", "TOTAL RECEIVED AMOUNT", "CURRENT AMOUNT"
Table 2	"SELLER USER NAME", "SELLER ACCOUNT NUMBER", "TRANSACTION ID", "HISTORY", "DEPOSIT", "WITHDRAW", "CURRENT AMOUNT"

Table after Normalization:

Table 1:
"SELLER USER NAME", "SELLER ACCOUNT NUMBER", "TRANSACTION ID", "BUYER USER NAME", "HISTORY", "BUYER TO SELLER TRANSFER MONEY", "SELLER RECEIVED", "GET BONUS", "TOTAL RECEIVED AMOUNT", "CURRENT AMOUNT"

Table 2:
"SELLER USER NAME", "SELLER ACCOUNT NUMBER", "TRANSACTION ID", "HISTORY", "DEPOSIT", "WITHDRAW", "CURRENT AMOUNT"

Table Name: ADMIN ACCOUNT

Column Name	Value
ACCOUNT NUMBER	US0025445850
TRANSACTION ID	Us0011 0022 0033
SELLER USER NAME	Jhonson
BUYER USER NAME	Smith
HISTORY	Wednesday:August.08.14.2019:21.57.37.366:BD~Standard~Time.+0600
BUYER TO SELLER TRANSFER MONEY	230
ADMIN RECEIVED	23
CURRENT AMOUNT	23
DEPOSIT	0
WITHDRAW	0
CURRENT AMOUNT	23

1NF	2NF	3NF
No multivalued attributes.	Found functional dependency, No partial dependency.	Transitive dependency found.

Table 1	"ACCOUNT NUMBER","TRANSACTION ID", "SELLER USER NAME", "BUYER USER NAME", "HISTORY", "BUYER TO SELLER TRANSFER MONEY", "ADMIN RECEIVED", "CURRENT AMOUNT"
Table 2	"ACCOUNT NUMBER","TRANSACTION ID", "HISTORY", "DEPOSIT", "WITHDRAW", "CURRENT AMOUNT"

Table after Normalization:

Table 1:
"ACCOUNT NUMBER","TRANSACTION ID", "SELLER USER NAME", "BUYER USER NAME", "HISTORY", "BUYER TO SELLER TRANSFER MONEY", "ADMIN RECEIVED", "CURRENT AMOUNT"
Table 2:
"ACCOUNT NUMBER","TRANSACTION ID", "HISTORY", "DEPOSIT", "WITHDRAW", "CURRENT AMOUNT"

Table creation

Table Name: *Seller*

Create:

CREATE TABLE SELLER ("SELLER USER NAME" VARCHAR2(100) NOT NULL, "ACCOUNT NUMBER" VARCHAR2(50) NOT NULL, "E-MAIL" VARCHAR2(50) NOT NULL, "PASSWORD" VARCHAR2(50) NOT NULL, "SELLER FULL NAME" VARCHAR2(200) NOT NULL, "DATE OF BIRTH" VARCHAR2(50) NOT NULL, "GENDER" VARCHAR2(50) NOT NULL, "NATIONAL ID NO" VARCHAR2(50) NOT NULL, "NATIONALITY" VARCHAR2(50) NOT NULL, "PASSPORT NO" VARCHAR2(50) NOT NULL, "CONTACT NO" VARCHAR2(50) NOT NULL, "SKILLS" VARCHAR2(100) NOT NULL, "DESCRIPTION" VARCHAR2(4000) NOT NULL, "ACTIVE STATUS" VARCHAR2(50) NOT NULL, "BIODATA" VARCHAR2(100) NOT NULL, "ACCOUNT CREATE HISTORY" VARCHAR2(100) NOT NULL, "SELLER RATING" NUMBER NOT NULL, "PUBLICITY" NUMBER NOT NULL);

Primary Key:

ALTER TABLE SELLER ADD CONSTRAINT "SIP" PRIMARY KEY ("SELLER USER NAME");

Table Name: *Buyer*

Create:

CREATE TABLE BUYER ("BUYER USER NAME" VARCHAR2(100) NOT NULL, "ACCOUNT NUMBER" VARCHAR2(50) NOT NULL, "E-MAIL" VARCHAR2(50) NOT NULL, "PASSWORD" VARCHAR2(50) NOT NULL, "BUYER FULL NAME" VARCHAR2(200) NOT NULL, "DATE OF BIRTH" VARCHAR2(50) NOT NULL, "GENDER" VARCHAR2(50) NOT NULL, "NATIONAL ID NO" VARCHAR2(50) NOT NULL, "NATIONALITY" VARCHAR2(50) NOT NULL, "PASSPORT NO" VARCHAR2(50) NOT NULL, "CONTACT NO" VARCHAR2(50) NOT NULL, "DESCRIPTION" VARCHAR2(4000) NOT NULL, "ACTIVE STATUS" VARCHAR2(50) NOT NULL, "BIODATA" VARCHAR2(100) NOT NULL, "ACCOUNT CREATE HISTORY" VARCHAR2(100) NOT NULL, "BUYER RATING" NUMBER NOT NULL, "PUBLICITY" NUMBER NOT NULL);

Primary key:

ALTER TABLE BUYER ADD CONSTRAINT "BIP" PRIMARY KEY ("BUYER USER NAME");

Table name: *Job*

Create:

CREATE TABLE JOB ("PROJECT ID" VARCHAR2(50) NOT NULL, "BUYER USER NAME" VARCHAR2(100) NOT NULL, "PROJECT NAME" VARCHAR2(100) NOT NULL, "BASE TOPIC" VARCHAR2(50) NOT NULL, "RELATED SKILLS" VARCHAR2(100) NOT NULL, "DESCRIPTION" VARCHAR2(4000) NOT NULL, "ESTIMATED TIME" VARCHAR2(50) NOT NULL, "HISTORY" VARCHAR2(100) NOT NULL, "JOB STATUS" VARCHAR2(50) NOT NULL, "JOB PRICE" NUMBER NOT NULL);

Primary Key:

ALTER TABLE JOB ADD CONSTRAINT "PJP" PRIMARY KEY ("PROJECT ID");

Table Name: *Requested Job*

Create:

CREATE TABLE "REQUESTED JOB" ("PROJECT ID" VARCHAR2(50) NOT NULL, "SELLER USER NAME" VARCHAR2(100) NOT NULL, "BUYER USER NAME" VARCHAR2(100) NOT NULL, "BASE TOPIC" VARCHAR2(50) NOT NULL, "PROJECT NAME" VARCHAR2(100) NOT NULL, "RELATED SKILLS" VARCHAR2(100) NOT NULL, "DESCRIPTION" VARCHAR2(4000) NOT NULL, "HISTORY" VARCHAR2(100) NOT NULL, "DEADLINE" VARCHAR2(100) NOT NULL, "REQUEST STATUS" VARCHAR2(50) NOT NULL, "JOB PRICE" NUMBER NOT NULL);

PRIMARY KEY(Composite):

ALTER TABLE "REQUESTED JOB" ADD CONSTRAINT "RJP" PRIMARY KEY("PROJECT ID","SELLER USER NAME","BUYER USER NAME");

Table Name: *Accepted Job*

Create:

CREATE TABLE "ACCEPTED JOB" ("PROJECT ID" VARCHAR2(50) NOT NULL, "SELLER USER NAME" VARCHAR2(100) NOT NULL, "BUYER USER NAME" VARCHAR2(100) NOT NULL, "BASE TOPIC" VARCHAR2(50) NOT NULL, "PROJECT NAME" VARCHAR2(100) NOT NULL, "RELATED SKILLS" VARCHAR2(100) NOT NULL, "DESCRIPTION" VARCHAR2(4000) NOT NULL, "HISTORY" VARCHAR2(100) NOT NULL, "DEADLINE" VARCHAR2(100) NOT NULL, "ACCEPT STATUS" VARCHAR2(50) NOT NULL, "JOB PRICE" NUMBER NOT NULL);

```
☑ Autocommit  Display 10 ▾                                                                                    Save   Run
CREATE TABLE "ACCEPTED JOB" ("PROJECT ID" VARCHAR2(50) NOT NULL, "SELLER USER NAME" VARCHAR2(100) NOT NULL, "BUYER USER NAME" VARCHAR2(100) NOT NULL, "BASE TOPIC" VARCHAR2(50) NOT
NULL, "PROJECT NAME" VARCHAR2(100) NOT NULL, "RELATED SKILLS" VARCHAR2(100) NOT NULL, "DESCRIPTION" VARCHAR2(4000) NOT NULL, "HISTORY" VARCHAR2(100) NOT NULL, "DEADLINE" VARCHAR2(100)
NOT NULL, "ACCEPT STATUS" VARCHAR2(50) NOT NULL, "JOB PRICE" NUMBER NOT NULL);

Results  Explain  Describe  Saved SQL  History

Table created.

0.02 seconds
```

Primary Key:

ALTER TABLE "ACCEPTED JOB" ADD CONSTRAINT "AJP" PRIMARY KEY ("PROJECT ID");

```
☑ Autocommit  Display 10 ▾                                                                                    Save   Run
ALTER TABLE "ACCEPTED JOB" ADD CONSTRAINT "AJP" PRIMARY KEY ("PROJECT ID");

Results  Explain  Describe  Saved SQL  History

Table altered.

0.00 seconds
```
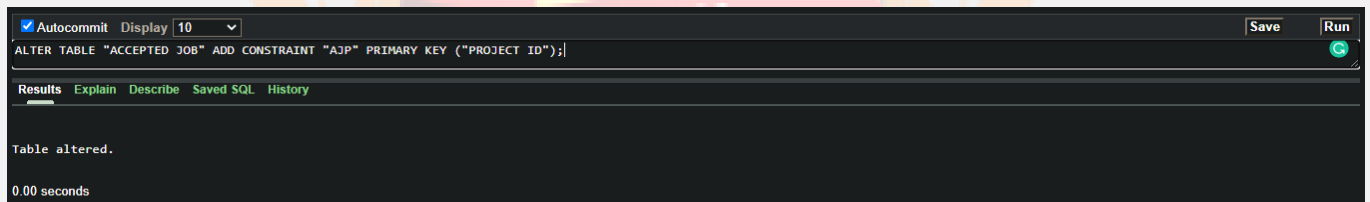
Table Name: *Submitted Work*

Create:

CREATE TABLE "SUBMITTED JOB" ("PROJECT ID" VARCHAR2(50) NOT NULL, "SELLER USER NAME" VARCHAR2(100) NOT NULL, "BUYER USER NAME" VARCHAR2(100) NOT NULL, "PROJECT NAME" VARCHAR2(100) NOT NULL, "BASE TOPIC" VARCHAR2(100) NOT NULL, "SUBMIT LINK" VARCHAR2(100) NOT NULL, "HISTORY" VARCHAR2(100) NOT NULL, "DEADLINE" VARCHAR2(100) NOT NULL, "SUBMIT STATUS" VARCHAR2(50) NOT NULL, "ACCEPT STATUS" VARCHAR2(50) NOT NULL, "JOB PRICE" NUMBER NOT NULL);

Primary Key:

ALTER TABLE "SUBMITTED JOB" ADD CONSTRAINT "SWP" PRIMARY KEY ("PROJECT ID");

Table Name: *Accepted Work*

Create:

CREATE TABLE "ACCEPTED WORK" ("PROJECT ID" VARCHAR2(50) NOT NULL, "SELLER USER NAME" VARCHAR2(100) NOT NULL, "BUYER USER NAME" VARCHAR2(100) NOT NULL, "PROJECT NAME" VARCHAR2(100) NOT NULL, "BASE TOPIC" VARCHAR2(100) NOT NULL, "SUBMIT LINK" VARCHAR2(100) NOT NULL, "HISTORY" VARCHAR2(100) NOT NULL, "DUE TIME" VARCHAR2(50) NOT NULL, "BUYER ACCOUNT NUMBER" VARCHAR2(50) NOT NULL, "TRANSACTION ID" VARCHAR2(50) NOT NULL, "JOB PRICE" NUMBER NOT NULL);

Primary Key:

ALTER TABLE "ACCEPTED WORK" ADD CONSTRAINT "AWP" PRIMARY KEY ("PROJECT ID");

Table Name: *Admin table*

Create:

CREATE TABLE ADMIN ("NAME" VARCHAR2(200), "MAIL" VARCHAR2(50), "PASS" VARCHAR2(50), "NATIONAL ID" VARCHAR2(50), "NATIONALITY" VARCHAR2(50), "PASSPORT NO" VARCHAR2(50), "DESCRIPTION" VARCHAR2(4000), "ACCOUNT NO" VARCHAR2(50));

Primary Key:

ALTER TABLE ADMIN ADD CONSTRAINT "AIP" PRIMARY KEY ("NAME");

Table name: *Admin Transaction Account*

Create:

CREATE TABLE "ADMIN TRANSACTION ACCOUNT" ("ACCOUNT NUMBER" VARCHAR2(50) NOT NULL, "TRANSACTION ID" VARCHAR2(50) NOT NULL, "SELLER USER NAME" VARCHAR2(100) NOT NULL, "BUYER USER NAME" VARCHAR2(100) NOT NULL, "HISTORY" VARCHAR2(100) NOT NULL, "BUYER TO SELLER TRANSFER MONEY" NUMBER NOT NULL, "ADMIN RECEIVED" NUMBER NOT NULL, "CURRENT AMOUNT" NUMBER NOT NULL);

Primary Key:

ALTER TABLE "ADMIN TRANSACTION ACCOUNT" ADD CONSTRAINT "ATP" PRIMARY KEY ("TRANSACTION ID");

Table Name: *Admin Bank Account*

Create:

CREATE TABLE "ADMIN BANK ACCOUNT" ("ACCOUNT NUMBER" VARCHAR2(50) NOT NULL, "TRANSACTION ID" VARCHAR2(50) NOT NULL, "HISTORY" VARCHAR2(100) NOT NULL, "DEPOSIT" NUMBER, "WITHDRAW" NUMBER, "CURRENT AMOUNT" NUMBER NOT NULL);

Primary Key:

ALTER TABLE "ADMIN BANK ACCOUNT" ADD CONSTRAINT "ABP" PRIMARY KEY ("TRANSACTION ID");

Table Name: *Seller Transaction Account*

Create:

CREATE TABLE "SELLER TRANSACTION ACCOUNT" ("SELLER USER NAME" VARCHAR2(100) NOT NULL, "SELLER ACCOUNT NUMBER" VARCHAR2(50) NOT NULL, "TRANSACTION ID" VARCHAR2(50) NOT NULL, "BUYER USER NAME" VARCHAR2(100) NOT NULL, "HISTORY" VARCHAR2(100) NOT NULL, "BUYER TO SELLER TRANSFER MONEY" NUMBER NOT NULL, "SELLER RECEIVED" NUMBER NOT NULL, "GET BONUS" NUMBER NOT NULL, "TOTAL RECEIVED AMOUNT" NUMBER NOT NULL, "CURRENT AMOUNT" NUMBER NOT NULL);

Primary Key:

ALTER TABLE "SELLER TRANSACTION ACCOUNT" ADD CONSTRAINT "STP" PRIMARY KEY ("TRANSACTION ID");

Table name: *Seller Bank Account*

Create:

CREATE TABLE "SELLER BANK ACCOUNT" ("SELLER USER NAME" VARCHAR2(100) NOT NULL, "SELLER ACCOUNT NUMBER" VARCHAR2(50) NOT NULL, "TRANSACTION ID" VARCHAR2(50) NOT NULL, "HISTORY" VARCHAR2(100) NOT NULL, "DEPOSIT" NUMBER, "WITHDRAW" NUMBER, "CURRENT AMOUNT" NUMBER NOT NULL);

Primary Key:

ALTER TABLE "SELLER BANK ACCOUNT" ADD CONSTRAINT "SBP" PRIMARY KEY ("TRANSACTION ID");

Create:

CREATE TABLE "BUYER TRANSACTION ACCOUNT" ("BUYER USER NAME" VARCHAR2(100) NOT NULL, "ACCOUNT NUMBER" VARCHAR2(50) NOT NULL,"TRANSACTION ID" VARCHAR2(50) NOT NULL, "SELLER USER NAME" VARCHAR2(100) NOT NULL, "HISTORY" VARCHAR2(100) NOT NULL, "BUYER TO SELLER TRANSFER MONEY" NUMBER NOT NULL, "SEND BONUS" NUMBER NOT NULL, "TOTAL SEND AMOUNT" NUMBER NOT NULL, "CURRENT AMOUNT" NUMBER NOT NULL);

Primary Key:

ALTER TABLE "BUYER TRANSACTION ACCOUNT" ADD CONSTRAINT "BTP" PRIMARY KEY ("TRANSACTION ID");

Table Name: *Buyer Bank Account*

Create:

CREATE TABLE "BUYER BANK ACCOUNT" ("BUYER USER NAME" VARCHAR2(100) NOT NULL, "BUYER ACCOUNT NUMBER" VARCHAR2(50) NOT NULL, "TRANSACTION ID" VARCHAR2(50) NOT NULL, "HISTORY" VARCHAR2(100) NOT NULL, "DEPOSIT" NUMBER, "WITHDRAW" NUMBER, "CURRENT AMOUNT" NUMBER NOT NULL);

```
☑Autocommit  Display 10 ▾                                                                                    Save    Run
CREATE TABLE "BUYER BANK ACCOUNT" ("BUYER USER NAME" VARCHAR2(100) NOT NULL, "BUYER ACCOUNT NUMBER" VARCHAR2(50) NOT NULL, "TRANSACTION ID" VARCHAR2(50) NOT NULL, "HISTORY"
VARCHAR2(100) NOT NULL, "DEPOSIT" NUMBER, "WITHDRAW" NUMBER, "CURRENT AMOUNT" NUMBER NOT NULL);

Results  Explain  Describe  Saved SQL  History


Table created.

0.02 seconds
```

Primary Key:

ALTER TABLE "BUYER BANK ACCOUNT" ADD CONSTRAINT "BBP" PRIMARY KEY ("TRANSACTION ID");

```
☑ Autocommit  Display 10        ▾
ALTER TABLE "BUYER BANK ACCOUNT" ADD CONSTRAINT "BBP" PRIMARY KEY ("TRANSACTION ID");

Results  Explain  Describe  Saved SQL  History


Table altered.

0.00 seconds
```
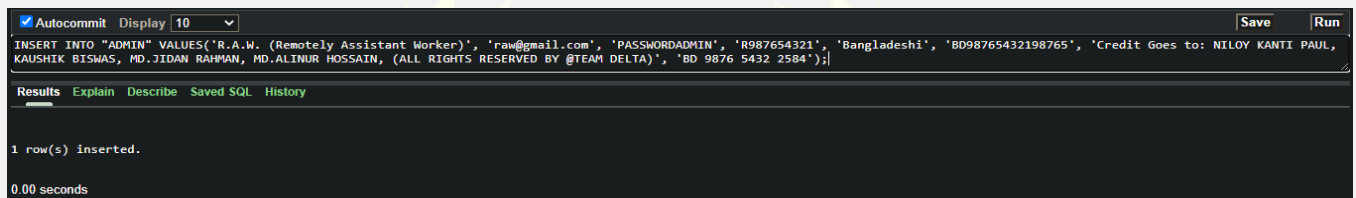
DATA INSERTION

ADMIN TABLE

INSERT INTO "ADMIN" VALUES('R.A.W. (Remotely Assistant Worker)',
'raw@gmail.com', 'PASSWORDADMIN', 'R987654321', 'Bangladeshi',
'BD98765432198765', 'Credit Goes to: NILOY KANTI PAUL, KAUSHIK BISWAS,
MD.JIDAN RAHMAN, MD.ALINUR HOSSAIN, (ALL RIGHTS RESERVED BY @TEAM
DELTA)', 'BD 9876 5432 2584');

BUYER TABLE

INSERT INTO BUYER VALUES('Smith', 'USA 0011 0022 0033',
'smith.01w@gmail.com', 'SMithW@521', 'Smith Williams', '27-02-1985', 'Male',
'K254863710', 'American', 'USA65789TR5954220', '+189819848715', 'I am very
punctual and enthusiastic in work', 'Idle', 'Reliable',
'Sunday:August.08.17.2008:15.55.27.816:UK~Standard~Time.-0500', '4.4', '126');

INSERT INTO BUYER VALUES('Jonathon', 'UK 0044 0055 0066',
'jonath.3br@gmail.com', 'JonaThBR@145', 'Jonathon Brandon', '07-03-1982', 'Male',
'K998746258', 'English', 'UK78994UO25749', '+449818748715', 'I am very punctual and
always try to pay the actual price of the project', 'Active', 'Trustworthy',
'Sunday:July.07.14.2013:07.48.25.989:UK~Standard~Time.+0100', '4.7', '146');

INSERT INTO BUYER VALUES('James', 'BD 0077 0088 0099',
'james.54gm@gmail.com', 'GoMES02@ja', 'James Gomes', '17-07-1990', 'Male',
'G998632258', 'Bangladeshi', 'BD79351UO92579', '+8801781874871', 'I am very
punctual and reliable', 'Do Not Disturb', 'Happy Face',
'Tuesday:February.02.28.2017:17.25.19.455:Bangladesh~Standard~Time.+0600', '4.3',
'186');

☑ Autocommit Display [10 ▼]   Save Run

```
INSERT INTO BUYER VALUES('Smith', 'USA 0011 0022 0033', 'smith.01w@gmail.com', 'SMithW@521', 'Smith Williams', '27-02-1985', 'Male', 'K254863710', 'American', 'USA65789TR5954220',
'+189819848715', 'I am very punctual and enthusiastic in work', 'Idle', 'Reliable', 'Sunday:August.08.17.2008:15.55.27.816:UK~Standard~Time.-0500', '4.4', '126');

INSERT INTO BUYER VALUES('Jonathon', 'UK 0044 0055 0066', 'jonath.3br@gmail.com', 'JonaThBR@145', 'Jonathon Brandon', '07-03-1982', 'Male', 'K998746258', 'English', 'UK78994UO25749',
'+449818748715', 'I am very punctual and always try to pay the actual price of the project', 'Active', 'Trustworthy', 'Sunday:July.07.14.2013:07.48.25.989:UK~Standard~Time.+0100',
'4.7', '146');

INSERT INTO BUYER VALUES('James', 'BD 0077 0088 0099', 'james.54gm@gmail.com', 'GoMES02@ja', 'James Gomes', '17-07-1990', 'Male', 'G998632258', 'Bangladeshi', 'BD79351UO92579',
'+8801781874871', 'I am very punctual and reliable', 'Do Not Disturb', 'Happy Face', 'Tuesday:February.02.28.2017:17.25.19.455:Bangladesh~Standard~Time.+0600', '4.3', '186');
```

Results Explain Describe Saved SQL History

1 row(s) inserted.

0.00 seconds

☑ Autocommit Display [10 ▼]   Save Run

SELECT * FROM BUYER;

Results Explain Describe Saved SQL History

BUYER USER NAME	ACCOUNT NUMBER	E-MAIL	PASSWORD	BUYER FULL NAME	DATE OF BIRTH	GENDER	NATIONAL ID NO	NATIONALITY	PASSPORT NO	CONTACT NO	DESCRIPTION	ACTIVE STATUS
Smith	USA 0011 0022 0033	smith.01w@gmail.com	SMithW@521	Smith Williams	27-02-1985	Male	K254863710	American	USA65789TR5954220	+189819848715	I am very punctual and enthusiastic in work	Idle
Jonathon	UK 0044 0055 0066	jonath.3br@gmail.com	JonaThBR@145	Jonathon Brandon	07-03-1982	Male	K998746258	English	UK78994UO25749	+449818748715	I am very punctual and always try to pay the actual price of the project	Active
James	BD 0077 0088 0099	james.54gm@gmail.com	GoMES02@ja	James Gomes	17-07-1990	Male	G998632258	Bangladeshi	BD79351UO92579	+8801781874871	I am very punctual and reliable	Do Not Disturb

3 rows returned in 0.01 seconds   CSV Export

BIODATA	ACCOUNT CREATE HISTORY	BUYER RATING	PUBLICITY
Reliable	Sunday:August.08.17.2008:15.55.27.816:UK~Standard~Time.-0500	4.4	126
Trustworthy	Sunday:July.07.14.2013:07.48.25.989:UK~Standard~Time.+0100	4.7	146
Happy Face	Tuesday:February.02.28.2017:17.25.19.455:Bangladesh~Standard~Time.+0600	4.3	186

SELLER TABLE

INSERT INTO SELLER VALUES('Jhonson', 'US 0023 0047 0086', 'jhonson1@gmail.com', 'JhonSon#351', 'Jhonson Morrison', '01-04-1989', 'Male', 'L019763858', 'American', 'US170597258JM001', '+145987235415', 'Java, C++, Python, Unreal Engine, Web Designing', 'Very Enthusiastic to work, trustworthy, timely finish the works', 'Active', 'Professional, Responsible', 'Thursday:December.12.03.2015:09.27.04.996:USA~Standard~Time.-0500', '4.6', '119');

INSERT INTO SELLER VALUES('Marrie', 'US 0098 4785 0034', 'marrie03@gmail.com', 'MaRyWkr967@@', 'Marrie Walker', '06-09-1991', 'Female', 'W685721943', 'American', 'US456458678MW002', '+154729631475', 'Java, C++, C#, Web Designing', 'Very Enthusiastic to work, trustworthy, timely finish the works', 'Idle', 'Professional, Responsible', 'Saturday:November.11.12.2016:14.01.57.772:USA~Standard~Time.-0500', '4.6', '121');

INSERT INTO SELLER VALUES('Tim', 'UK 0067 0049 0032', 'tim.southy441@gmail.com', '$neuTRal5$', 'Tim Southy', '08-02-1991', 'Male', 'L278396480', 'English', 'UK957030014MW068', '+4469354000259', 'Java, C++, HTML, Python', 'Very Enthusiastic to work, trustworthy, timely finish the works', 'Active', 'Reliable', 'Monday:May.05.07.2018:12.25.34.223:UK~Standard~Time.+0100', '4.8', '219');

POST A JOB

INSERT INTO JOB VALUES('0001', 'Smith', 'My Dream Work', 'CSS', 'HTML,C#', 'This is my dream project to build a web with great design. So only passionate members are welcome for this dream project.', '10', 'Saturday:January.01.17.2015:05.55.27.816:USA~Standard~Time.-0500', 'Active', '150');

INSERT INTO JOB VALUES('0002', 'Jonathon', 'Creating a bot', 'PYTHON', 'JAVA,C++', 'We are trying to make a bot or software robot to for amusement.', '15', 'Friday:August.08.16.2019:23.47.47.816:UK~Standard~Time.+0100', 'Active', '330');

INSERT INTO JOB VALUES('0003', 'James', 'Software for a library management system', 'JAVA', 'C++,C', 'For keeping the books in a good situation and order so that the library users can find out all the books easily.', '14', 'Wednesday:April.04.24.2019:23.57.37.366:BD~Standard~Time.+0600', 'Active', '140');

PROJECT ID	BUYER USER NAME	PROJECT NAME	BASE TOPIC	RELATED SKILLS	DESCRIPTION	ESTIMATED TIME	HISTORY	JOB STATUS	JOB PRICE
0001	Smith	My Dream Work	CSS	HTML,C#	This is my dream project to build a web with great design. So only passionate members are welcome for this dream project.	10	Saturday:January.01.17.2015:05.55.27.816:USA~Standard~Time.-0500	Active	150
0002	Jonathon	Creating a bot	PYTHON	JAVA,C++	We are trying to make a bot or software robot to for amusement.	15	Friday:August.08.16.2019:23.47.47.816:UK~Standard~Time.+0100	Active	330
0003	James	Software for a library management system	JAVA	C++,C	For keeping the books in a good situation and order so that the library users can find out all the books easily.	14	Wednesday:April.04.24.2019:23.57.37.366:BD~Standard~Time.+0600	Active	140

3 rows returned in 0.00 seconds   CSV Export

INSERT INTO "REQUESTED JOB" VALUES (PJP.NEXTVAL, 'Jhonson', 'Smith', 'CSS', 'My Dream Work', 'HTML,C#', 'This is my dream project to build a web with great design. So only passionate members are welcome for this dream project.', 'Tuesday:January.01.20.2015:12.32.57.120:USA~Standard~Time.-0500', 'Friday:January.01.23.2015:18.37.28.827:USA~Standard~Time.-0500', 'DUE TIME', '150');

INSERT INTO "REQUESTED JOB" VALUES (PJP.NEXTVAL,'Marrie', 'Jonathon', 'PYTHON', 'Creating a bot', 'JAVA, C++', 'We are trying to make a bot or software robot to for amusement.', 'Saturday:August.08.17.2019:11.40.31.428:UK~Standard~Time.+0100', 'Tuesday:August.08.20.2019:11.40.31.428:UK~Standard~Time.+0100', 'DUE TIME', '330');

INSERT INTO "REQUESTED JOB" VALUES (PJP.NEXTVAL, 'Tim', 'James', 'JAVA', 'Software for a library management system', 'C++,C', 'For keeping the books in a good situation and order so that the library users can find out all the books easily.', 'Thursday:April.04.25.2019:01.19.26.451:BD~Standard~Time.+0600', 'Sunday:April.04.28.2019:23.57.37.366:BD~Standard~Time.+0600', 'DUE TIME', '140');

PROJECT ID	SELLER USER NAME	BUYER USER NAME	BASE TOPIC	PROJECT NAME	RELATED SKILLS	DESCRIPTION	HISTORY	DEADLINE	REQUEST STATUS	JOB PRICE
3	Tim	James	JAVA	Software for a library management system	C++,C	For keeping the books in a good situation and order so that the library users can find out all the books easily.	Thursday:April.04.25.2019:01.19.26.451:BD~Standard~Time.+0600	Sunday:April.04.28.2019:23.57.37.366:BD~Standard~Time.+0600	DUE TIME	140
1	Jhonson	Smith	CSS	My Dream Work	HTML,C#	This is my dream project to build a web with great design. So only passionate members are welcome for this dream project.	Tuesday:January.01.20.2015:12.32.57.120:USA~Standard~Time.-0500	Friday:January.01.23.2015:18.37.28.827:USA~Standard~Time.-0500	DUE TIME	150
2	Marrie	Jonathon	PYTHON	Creating a bot	JAVA, C++	We are trying to make a bot or software robot to for amusement.	Saturday:August.08.17.2019:11.40.31.428:UK~Standard~Time.+0100	Tuesday:August.08.20.2019:11.40.31.428:UK~Standard~Time.+0100	DUE TIME	330

INSERT INTO "ACCEPTED JOB" VALUES ('0001', 'Jhonson', 'Smith', 'CSS', 'My Dream Work', 'HTML,C#', 'This is my dream project to build a web with great design. So only passionate members are welcome for this dream project.', 'Tuesday:January.01.20.2015:19.09.05.092:USA~Standard~Time.-0500', 'Monday:February.02.02.2015:19.09.05.092:USA~Standard~Time.-0500', 'Accepted', '150');

INSERT INTO "ACCEPTED JOB" VALUES ('0002', 'Marrie', 'Jonathon', 'PYTHON', 'Creating a bot', 'JAVA,C++', 'We are trying to make a bot or software robot to for amusement.', 'Saturday:August.08.17.2019:23.12.19.824:UK~Standard~Time.+0100', 'Wednesday:September.09.04.2019:23.12.19.824:UK~Standard~Time.+0100', 'Declined', '330');

INSERT INTO "ACCEPTED JOB" VALUES ('0003', 'Tim', 'James', 'JAVA', 'Software for a library management system', 'C++,C', 'For keeping the books in a good situation and order so that the library users can find out all the books easily.', 'Thursday:April.04.25.2019:14.38.34.901:BD~Standard~Time.+0600', 'Thursday:May.05.09.2019:14.38.34.901:BD~Standard~Time.+0600', 'Declined', '140');

SUBMITTED WORK

INSERT INTO "SUBMITTED JOB" VALUES ('0001', 'Jhonson', 'Smith', 'My Dream Work', 'CSS',
'https://drive.google.com/drive/folders/1DCTYoY9v3BjsmFdQwbgkzEeeX?usp=sharing',
'Sunday:February.02.01.2015:04.19.25.592:USA~Standard~Time.-0500',
'Monday:February.02.02.2015:19.09.05.092:USA~Standard~Time.-0500', 'Due Time',
'Pending', '150');

INSERT INTO "SUBMITTED JOB" VALUES ('0002', 'Marrie', 'Jonathon', 'Creating a bot', 'PYTHON',
'https://drive.google.com/drive/folders/1DCTYoY9v3BjsmFdQasdSDEeeX?usp=sharing'
, 'Tuesday:September.09.03.2019:12.12.23.347:UK~Standard~Time.+0100',
'Wednesday:September.09.04.2019:23.12.19.824:UK~Standard~Time.+0100', 'Due
Time', 'Pending', '330');

INSERT INTO "SUBMITTED JOB" VALUES ('0003', 'Tim', 'James', 'Software for a library management system', 'JAVA',
'https://drive.google.com/drive/folders/1DCTYoY9v3BjsmFdQskcdEeeX?usp=sharing',
'Wednesday:May.05.08.2019:12.32.56.003:BD~Standard~Time.+0600',
'Thursday:May.05.09.2019:14.38.34.901:BD~Standard~Time.+0600', 'Due Time',
'Pending', '140');

INSERT INTO "ACCEPTED WORK" VALUES('0001', 'Jhonson', 'Smith', 'My Dream Work', 'CSS',
'https://drive.google.com/drive/folders/1DCTYoY9v3BjsmFdQwbgkzEeeX?usp=sharing',
'Sunday:February.02.01.2015:08.23.17.234:USA~Standard~Time.-0500', 'Due time',
'ACUS1122', 'USA 0011 0022 0033', '150');

INSERT INTO "ACCEPTED WORK" VALUES('0002', 'Marrie', 'Jonathon', 'Creating a bot', 'PYTHON',
'https://drive.google.com/drive/folders/1DCTYoY9v3BjsmFdQasdSDEeeX?usp=sharing'
, 'Tuesday:September.09.03.2019:19.43.10.132:UK~Standard~Time.+0100', 'Due time',
'ACUK4455', 'UK 0044 0055 0066', '330');

INSERT INTO "ACCEPTED WORK" VALUES('0003', 'Tim', 'James', 'Software for a library management system', 'JAVA',
'https://drive.google.com/drive/folders/1DCTYoY9v3BjsmFdQskcdEeeX?usp=sharing',
'Thursday:May.05.09.2019:02.23.34.127:BD~Standard~Time.+0600', 'Due time',
'ACBD7788', 'BD 0077 0088 0099', '140');

PROJECT ID	SELLER USER NAME	BUYER USER NAME	PROJECT NAME	BASE TOPIC	SUBMIT LINK	HISTORY	DUE TIME	BUYER ACCOUNT NUMBER	TRANSACTION ID	JOB PRICE
0001	Jhonson	Smith	My Dream Work	CSS	https://drive.google.com/drive/folders/1DCTYoY9v3BjsmFdQwbgkzEeeX?usp=sharing	Sunday:February.02.01.2015:08.23.17.234:USA~Standard~Time.-0500	Due time	ACUS1122	USA 0011 0022 0033	150
0002	Marrie	Jonathon	Creating a bot	PYTHON	https://drive.google.com/drive/folders/1DCTYoY9v3BjsmFdQasdSDEeeX?usp=sharing	Tuesday:September.09.03.2019:19.43.10.132:UK~Standard~Time.+0100	Due time	ACUK4455	UK 0044 0055 0066	330
0003	Tim	James	Software for a library management system	JAVA	https://drive.google.com/drive/folders/1DCTYoY9v3BjsmFdQskcdEeeX?usp=sharing	Thursday:May.05.09.2019:02.23.34.127:BD~Standard~Time.+0600	Due time	ACBD7788	BD 0077 0088 0099	140

3 rows returned in 0.00 seconds   CSV Export

ADMIN TRANSACTION ACCOUNT

INSERT INTO "ADMIN TRANSACTION ACCOUNT" VALUES('BD 9876 5432 2584', 'ACUS3321', 'Jhonson', 'Smith', 'Friday:July.07.14.2017:15.12.32.459:USA~Standard~Time.-0500', '150', '15', '15');

INSERT INTO "ADMIN TRANSACTION ACCOUNT" VALUES('BD 9876 5432 2584', 'ACUK4455', 'Marrie', 'Jonathon', 'Tuesday:September.09.03.2019:19.43.10.132:UK~Standard~Time.+0100', '330', '33', '48');

INSERT INTO "ADMIN TRANSACTION ACCOUNT" VALUES('BD 9876 5432 2584', 'ACBD6754', 'Tim', 'James', 'Friday:August.08.16.2019:00.12.54.367:BD~Standard~Time.+0600', '140', '14', '62');

ACCOUNT NUMBER	TRANSACTION ID	SELLER USER NAME	BUYER USER NAME	HISTORY	BUYER TO SELLER TRANSFER MONEY	ADMIN RECEIVED	CURRENT AMOUNT
BD 9876 5432 2584	ACUS3321	Jhonson	Smith	Friday:July.07.14.2017:15.12.32.459:USA~Standard~Time.-0500	150	15	15
BD 9876 5432 2584	ACUK4455	Marrie	Jonathon	Tuesday:September.09.03.2019:19.43.10.132:UK~Standard~Time.+0100	330	33	48
BD 9876 5432 2584	ACBD6754	Tim	James	Friday:August.08.16.2019:00.12.54.367:BD~Standard~Time.+0600	140	14	62

3 rows returned in 0.00 seconds   CSV Export

ADMIN BANK ACCOUNT

INSERT INTO "ADMIN BANK ACCOUNT" VALUES('BD 9876 5432 2584', 'ACBD7687', 'Sunday:February.02.01.2015:12.32.12.383:BD~Standard~Time.+0600', '138', '0', '200');

ACCOUNT NUMBER	TRANSACTION ID	HISTORY	DEPOSIT	WITHDRAW	CURRENT AMOUNT
BD 9876 5432 2584	ACBD7687	Sunday:February.02.01.2015:12.32.12.383:BD~Standard~Time.+0600	138	0	200

1 rows returned in 0.00 seconds   CSV Export

BUYER TRANSACTION ACCOUNT

INSERT INTO "BUYER TRANSACTION ACCOUNT" VALUES('Smith', 'USA 0011 0022 0033', 'ACUS3321', 'Jhonson', 'Friday:July.07.14.2017:15.12.32.459:USA~Standard~Time.-0500', '150', '5', '155', '3425');

INSERT INTO "BUYER TRANSACTION ACCOUNT" VALUES('Jonathon', 'UK 0044 0055 0066', 'ACUK4455', 'Marrie', 'Tuesday:September.09.03.2019:19.43.10.132:UK~Standard~Time.+0100', '330', '10', '340', '5100');

INSERT INTO "BUYER TRANSACTION ACCOUNT" VALUES('James', 'BD 0077 0088 0099', 'ACBD6754', 'Tim', 'Friday:August.08.16.2019:00.12.54.367:BD~Standard~Time.+0600', '140', '4', '144', '2245');

BUYER BANK ACCOUNT

INSERT INTO "BUYER BANK ACCOUNT" VALUES('Smith', 'USA 0011 0022 0033', 'ACUS3321', 'Friday:July.07.14.2017:15.12.32.459:USA~Standard~Time.-0500', '0', '155', '3425');

INSERT INTO "BUYER BANK ACCOUNT" VALUES('Jonathon', 'UK 0044 0055 0066', 'ACUK4455', 'Tuesday:September.09.03.2019:19.43.10.132:UK~Standard~Time.+0100', '0', '340', '5100');

INSERT INTO "BUYER BANK ACCOUNT" VALUES('James', 'BD 0077 0088 0099', 'ACBD6754', 'Friday:August.08.16.2019:00.12.54.367:BD~Standard~Time.+0600', '0', '144', '2245');
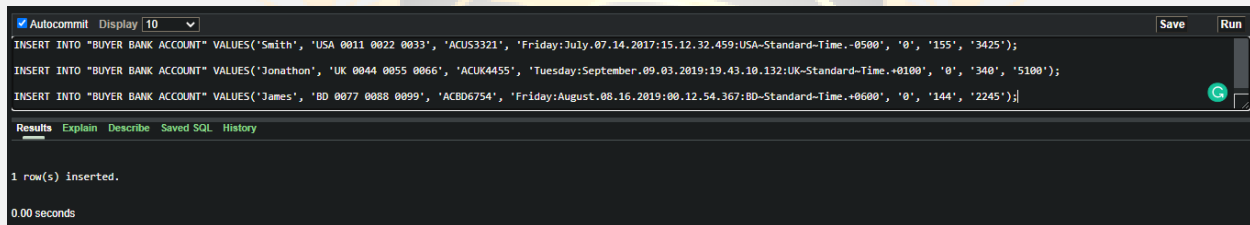
BUYER USER NAME	BUYER ACCOUNT NUMBER	TRANSACTION ID	HISTORY	DEPOSIT	WITHDRAW	CURRENT AMOUNT
Smith	USA 0011 0022 0033	ACUS3321	Friday:July.07.14.2017:15.12.32.459:USA~Standard~Time.-0500	0	155	3425
Jonathon	UK 0044 0055 0066	ACUK4455	Tuesday:September.09.03.2019:19.43.10.132:UK~Standard~Time.+0100	0	340	5100
James	BD 0077 0088 0099	ACBD6754	Friday:August.08.16.2019:00.12.54.367:BD~Standard~Time.+0600	0	144	2245

3 rows returned in 0.00 seconds   CSV Export

SELLER TRANSACTION ACCOUNT

INSERT INTO "SELLER TRANSACTION ACCOUNT" VALUES('Jhonson', 'US 0023 0047 0086', 'ACUS3321', 'Smith', 'Friday:July.07.14.2017:15.12.32.459:USA~Standard~Time.-0500', '150', '135', '5', '140', '140');

INSERT INTO "SELLER TRANSACTION ACCOUNT" VALUES('Marrie', 'US 0098 4785 0034', 'ACUS1122', 'Jonathon', 'Sunday:February.02.01.2015:08.23.17.234:USA~Standard~Time.-0500', '330', '297', '10', '307', '307');

INSERT INTO "SELLER TRANSACTION ACCOUNT" VALUES('Tim', 'UK 0067 0049 0032', 'ACUK4455', 'James', 'Tuesday:September.09.03.2019:19.43.10.132:UK~Standard~Time.+0100', '140', '126', '4', '130', '130');


```
☑ Autocommit   Display 10 ▾                                                                                                    Save    Run
INSERT INTO "SELLER TRANSACTION ACCOUNT" VALUES('Jhonson', 'US 0023 0047 0086', 'ACUS3321', 'Smith', 'Friday:July.07.14.2017:15.12.32.459:USA~Standard~Time.-0500', '150', '135', '5', '140', '140');
INSERT INTO "SELLER TRANSACTION ACCOUNT" VALUES('Marrie', 'US 0098 4785 0034', 'ACUS1122', 'Jonathon', 'Sunday:February.02.01.2015:08.23.17.234:USA~Standard~Time.-0500', '330', '297', '10', '307', '307');
INSERT INTO "SELLER TRANSACTION ACCOUNT" VALUES('Tim', 'UK 0067 0049 0032', 'ACUK4455', 'James', 'Tuesday:September.09.03.2019:19.43.10.132:UK~Standard~Time.+0100', '140', '126', '4', '130', '130');

Results  Explain  Describe  Saved SQL  History

1 row(s) inserted.

0.00 seconds
```

```
☑ Autocommit   Display 10 ▾                                                                                                    Save    Run
SELECT * FROM "SELLER TRANSACTION ACCOUNT";

Results  Explain  Describe  Saved SQL  History
```

SELLER USER NAME	SELLER ACCOUNT NUMBER	TRANSACTION ID	BUYER USER NAME	HISTORY	BUYER TO SELLER TRANSFER MONEY	SELLER RECEIVED	GET BONUS	TOTAL RECEIVED AMOUNT	CURRENT AMOUNT
Jhonson	US 0023 0047 0086	ACUS3321	Smith	Friday:July.07.14.2017:15.12.32.459:USA~Standard~Time.-0500	150	135	5	140	140
Marrie	US 0098 4785 0034	ACUS1122	Jonathon	Sunday:February.02.01.2015:08.23.17.234:USA~Standard~Time.-0500	330	297	10	307	307
Tim	UK 0067 0049 0032	ACUK4455	James	Tuesday:September.09.03.2019:19.43.10.132:UK~Standard~Time.+0100	140	126	4	130	130

3 rows returned in 0.00 seconds   CSV Export

SELLER BANK ACCOUNT

INSERT INTO "SELLER BANK ACCOUNT" VALUES('Jhonson', 'US 0023 0047 0086', 'ACUS3321', 'Friday:July.07.14.2017:15.12.32.459:USA~Standard~Time.-0500', '140', '0', '140');

INSERT INTO "SELLER BANK ACCOUNT" VALUES('Marrie', 'US 0098 4785 0034', 'ACUS1122', 'Sunday:February.02.01.2015:08.23.17.234:USA~Standard~Time.-0500', '307', '0', '307');

INSERT INTO "SELLER BANK ACCOUNT" VALUES('Tim', 'UK 0067 0049 0032', 'ACUK4455', 'Tuesday:September.09.03.2019:19.43.10.132:UK~Standard~Time.+0100', '297', '0', '297');

SELLER USER NAME	SELLER ACCOUNT NUMBER	TRANSACTION ID	HISTORY	DEPOSIT	WITHDRAW	CURRENT AMOUNT
Jhonson	US 0023 0047 0086	ACUS3321	Friday:July.07.14.2017:15.12.32.459:USA~Standard~Time.-0500	140	0	140
Marrie	US 0098 4785 0034	ACUS1122	Sunday:February.02.01.2015:08.23.17.234:USA~Standard~Time.-0500	307	0	307
Tim	UK 0067 0049 0032	ACUK4455	Tuesday:September.09.03.2019:19.43.10.132:UK~Standard~Time.+0100	297	0	297

3 rows returned in 0.00 seconds   CSV Export

View creation

JOB

FOR SELLER:

CREATE VIEW JOB_VIEW_S AS SELECT "PROJECT ID","PROJECT NAME", "BASE TOPIC", "RELATED SKILLS", "DESCRIPTION", "ESTIMATED TIME", "JOB PRICE", "HISTORY", "JOB STATUS", "BUYER USER NAME" FROM JOB WHERE "BASE TOPIC"= 'JAVA' WITH READ ONLY;

```
☑ Autocommit  Display 10 ▼                                                                                          Save    Run
CREATE VIEW JOB_VIEW_S AS SELECT "PROJECT ID","PROJECT NAME", "BASE TOPIC", "RELATED SKILLS", "DESCRIPTION", "ESTIMATED TIME", "JOB PRICE", "HISTORY", "JOB STATUS", "BUYER USER NAME" FROM JOB WHERE "BASE
TOPIC"= 'JAVA' WITH READ ONLY;

Results  Explain  Describe  Saved SQL  History

View created.

0.01 seconds
```

```
☑ Autocommit  Display 10 ▼                                                                                          Save    Run
SELECT * FROM JOB_VIEW_S; |

Results  Explain  Describe  Saved SQL  History
```

PROJECT ID	PROJECT NAME	BASE TOPIC	RELATED SKILLS	DESCRIPTION	ESTIMATED TIME	JOB PRICE	HISTORY	JOB STATUS	BUYER USER NAME
0003	Software for a library management system	JAVA	C++,C	For keeping the books in a good situation and order so that the library users can find out all the books easily.	14	140	Wednesday:April.04.24.2019:23.57.37.366:BD~Standard~Time.+0600	Active	James

1 rows returned in 0.00 seconds   CSV Export

Job views for admin

CREATE VIEW ADMIN_VIEW_P_COM AS SELECT

J."PROJECT ID" "PROJECT ID", J."PROJECT NAME", J."BUYER USER NAME", J."BASE TOPIC", J."RELATED SKILLS", J."DESCRIPTION", J."ESTIMATED TIME", J."JOB PRICE", J."HISTORY", J."JOB STATUS", A."SELLER USER NAME" "ACCEPTED SELLER USER NAME", A."HISTORY" "ACCEPTION HISTORY", A."DEADLINE" "JOB SUBMITION DEADLINE", A."ACCEPT STATUS" "JOB ACCEPT STATUS BEFORE SUB", S."SUBMIT LINK", S."HISTORY" "JOB SUBMISSION HISTORY", S."ACCEPT STATUS" "JOB ACCEPT STATUS AFTER SUB", W."HISTORY" "ACCEPTED HISTORY", W."DUE TIME", W."BUYER ACCOUNT NUMBER", W."TRANSACTION ID"

FROM JOB J, "ACCEPTED JOB" A, "SUBMITTED JOB" S,"ACCEPTED WORK" W

WHERE J."PROJECT ID"=A."PROJECT ID"

AND A."PROJECT ID"=S."PROJECT ID"

AND S."PROJECT ID"=W."PROJECT ID"

ORDER BY "PROJECT ID";

```
CREATE VIEW ADMIN_VIEW_P_COM AS SELECT
J."PROJECT ID" "PROJECT ID", J."PROJECT NAME", J."BUYER USER NAME", J."BASE TOPIC", J."RELATED SKILLS", J."DESCRIPTION", J."ESTIMATED TIME", J."JOB PRICE", J."HISTORY", J."JOB STATUS", A."SELLER USER
NAME" "ACCEPTED SELLER USER NAME", A."HISTORY" "ACCEPTION HISTORY", A."DEADLINE" "JOB SUBMITION DEADLINE", A."ACCEPT STATUS" "JOB ACCEPT STATUS BEFORE SUB", S."SUBMIT LINK", S."HISTORY" "JOB SUBMISSION
HISTORY", S."ACCEPT STATUS" "JOB ACCEPT STATUS AFTER SUB", W."HISTORY" "ACCEPTED HISTORY", W."DUE TIME", W."BUYER ACCOUNT NUMBER", W."TRANSACTION ID"
FROM JOB J, "ACCEPTED JOB" A, "SUBMITTED JOB" S,"ACCEPTED WORK" W
WHERE J."PROJECT ID"=A."PROJECT ID"
AND A."PROJECT ID"=S."PROJECT ID"
AND S."PROJECT ID"=W."PROJECT ID"
ORDER BY "PROJECT ID";
```

Results Explain Describe Saved SQL History

View created.

0.00 seconds

```
SELECT * FROM ADMIN_VIEW_P_COM;
```

Results Explain Describe Saved SQL History

PROJECT ID	PROJECT NAME	BUYER USER NAME	BASE TOPIC	RELATED SKILLS	DESCRIPTION	ESTIMATED TIME	JOB PRICE	HISTORY	JOB STATUS	ACCEPTED SELLER USER NAME	ACCEPTION HISTORY
0001	My Dream Work	Smith	CSS	HTML,C#	This is my dream project to build a web with great design. So only passionate members are welcome for this dream project.	10	150	Saturday:January.01.17.2015:06.55.27.816:USA–Standard–Time.–0500	Active	Jhonson	Tuesday:January.01.20.2015:19.09.05.092:USA–Standard–Time.–0500
0002	Creating a bot	Jonathon	PYTHON	JAVA,C++	We are trying to make a bot or software robot to for amusement.	15	330	Friday:August.08.16.2019:23.47.47.816:UK–Standard–Time.+0100	Active	Marrie	Saturday:August.08.17.2019:23.12.19.824:UK–Standard–Time.+0100
0003	Software for a library management system	James	JAVA	C++,C	For keeping the books in a good situation and order so that the library users can find out all the books easily.	14	140	Wednesday:April.04.24.2019:23.57.37.366:BD–Standard–Time.+0600	Active	Tim	Thursday:April.04.25.2019:14.38.34.901:BD–Standard–Time.+0600

3 rows returned in 0.01 seconds   CSV Export

JOB SUBMITION DEADLINE	JOB ACCEPT STATUS BEFORE SUB	SUBMIT LINK	JOB SUBMISSION HISTORY	JOB ACCEPT STATUS AFTER SUB	ACCEPTED HISTORY	DUE TIME	BUYER ACCOUNT NUMBER	TRANSACTION ID
Monday:February.02.03.2015:19.08.05.092:USA–Standard–Time.–0500	Accepted	https://drive.google.com/drive/folders/1DCTYbY9vS6lpmFitDxfqbIGesX7 usj=sharing	Sunday:February.02.01.2015:04.19.25.593:USA–Standard–Time.–0500	Pending	Sunday:February.02.01.2015:06.23.17.234:USA–Standard–Time.–0500	Due time	ACUB1122	USA 0011 0022 8833
Wednesday:September.09.04.2019:23.12.19.824:UK–Standard–Time.+0100	Declined	https://drive.google.com/drive/folders/1DCTYbY9vS6lpmFitDxxdSDEesX7 usj=sharing	Tuesday:September.09.03.2019:12.13.23.347:UK–Standard–Time.+0100	Pending	Tuesday:September.09.03.2019:18.43.10.132:UK–Standard–Time.+0100	Due time	ACUK4455	UK 0044 0055 8866
Thursday:May.05.09.2019:14.38.34.901:BD–Standard–Time.+0600	Declined	https://drive.google.com/drive/folders/1DCTYbY9vS6lpmFitDxkcsEesX7 usj=sharing	Wednesday:May.05.08.2019:12.33.59.003:BD–Standard–Time.+0600	Pending	Thursday:May.05.09.2019:02.21.34.137:BD–Standard–Time.+0600	Due time	ACBD7788	BD 0077 0088 8866

SEQUENCE CREATION:

CREATE SEQUENCE:

CREATE SEQUENCE PJP INCREMENT BY 1 START WITH 0001 NOCACHE NOCYCLE;

DESCRIBE SEQUENCE:

SELECT SEQUENCE_NAME, MIN_VALUE, MAX_VALUE, INCREMENT_BY, LAST_NUMBER
FROM USER_SEQUENCES;

SEQUENCE MODIFICATION:

ALTER SEQUENCE PJP INCREMENT BY 1 NOCYCLE NOCACHE;

Conclusion:

At last, this one was a part of our project named "R.A.W-DATABASE MANAGEMENT SYSTEM". We tried to make a genuine database management system. As it is an ongoing project it should be updated day by day.

Thanks, from the 'TEAM DELTA'.