**FATIMA JINNAH WOMEN UNIVERSITY, RAWALPINDI**

**Department of Computer Science**

**Project Title: E-HOSPITAL MANAMGEMENT SYSTEM**

**Course: Database Management System**

**Submitted By:**

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**Section: BCS-IIB**

**Reg No: 2023-BCS-077**

**Submitted to:**

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**Source Code:**

**Appointment Table:**

CREATE TABLE "EHMS"."APPOINTMENTS"

( "APPOINTMENT\_ID" NUMBER,

"PATIENT\_ID" NUMBER NOT NULL ENABLE,

"DOCTOR\_ID" NUMBER NOT NULL ENABLE,

"APPOINTMENT\_DATE" DATE NOT NULL ENABLE,

"REASON" VARCHAR2(255 BYTE) NOT NULL ENABLE,

PRIMARY KEY ("APPOINTMENT\_ID")

USING INDEX PCTFREE 10 INITRANS 2 MAXTRANS 255 COMPUTE STATISTICS

TABLESPACE "USERS" ENABLE,

CONSTRAINT "FK\_DOCTOR" FOREIGN KEY ("DOCTOR\_ID")

REFERENCES "EHMS"."DOCTORS" ("DOCTOR\_ID") ENABLE,

CONSTRAINT "FK\_PATIENT" FOREIGN KEY ("PATIENT\_ID")

REFERENCES "EHMS"."PATIENTS" ("PATIENT\_ID") ENABLE

)

**User Table:**

CREATE TABLE "EHMS"."USERS"

( "USER\_ID" NUMBER GENERATED ALWAYS AS IDENTITY MINVALUE 1 MAXVALUE 9999999999999999999999999999 INCREMENT BY 1 START WITH 1 CACHE 20 NOORDER NOCYCLE NOKEEP NOSCALE NOT NULL ENABLE,

"EMAIL" VARCHAR2(100 BYTE) NOT NULL ENABLE,

"PASSWORD" VARCHAR2(100 BYTE) NOT NULL ENABLE,

"ROLE" VARCHAR2(50 BYTE),

"PATIENT\_ID" NUMBER,

"DOCTOR\_ID" NUMBER,

CONSTRAINT "CHECK\_ROLE" CHECK (ROLE IN ('patient', 'doctor')) ENABLE,

PRIMARY KEY ("USER\_ID")

USING INDEX PCTFREE 10 INITRANS 2 MAXTRANS 255 COMPUTE STATISTICS

STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645

PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1

BUFFER\_POOL DEFAULT FLASH\_CACHE DEFAULT CELL\_FLASH\_CACHE DEFAULT)

TABLESPACE "USERS" ENABLE,

UNIQUE ("EMAIL")

USING INDEX PCTFREE 10 INITRANS 2 MAXTRANS 255 COMPUTE STATISTICS

STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645

PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1

BUFFER\_POOL DEFAULT FLASH\_CACHE DEFAULT CELL\_FLASH\_CACHE DEFAULT)

TABLESPACE "USERS" ENABLE

)

**Billing Table:**

CREATE TABLE "EHMS"."BILLING"

( "BILL\_ID" NUMBER,

"PATIENT\_ID" NUMBER,

"CHECKIN\_DATE\_TIME" TIMESTAMP (6),

"CHECKOUT\_DATE\_TIME" TIMESTAMP (6),

"TOTAL\_AMOUNT" NUMBER(10,2),

"PAYMENT\_STATUS" VARCHAR2(20 BYTE),

PRIMARY KEY ("BILL\_ID")

USING INDEX PCTFREE 10 INITRANS 2 MAXTRANS 255 COMPUTE STATISTICS

STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645

PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1

BUFFER\_POOL DEFAULT FLASH\_CACHE DEFAULT CELL\_FLASH\_CACHE DEFAULT)

TABLESPACE "USERS" ENABLE,

FOREIGN KEY ("PATIENT\_ID")

REFERENCES "EHMS"."PATIENTS" ("PATIENT\_ID") ENABLE

)

**Patient Table:**

CREATE TABLE "EHMS"."PATIENTS"

( "PATIENT\_ID" NUMBER,

"FIRST\_NAME" VARCHAR2(50 BYTE) NOT NULL ENABLE,

"LAST\_NAME" VARCHAR2(50 BYTE) NOT NULL ENABLE,

"DATE\_OF\_BIRTH" DATE,

"GENDER" VARCHAR2(10 BYTE),

"CONTACT\_NUMBER" VARCHAR2(20 BYTE),

"ADDRESS" VARCHAR2(200 BYTE),

"EMAIL" VARCHAR2(100 BYTE),

"INSURANCE\_DETAILS" VARCHAR2(200 BYTE),

"PASSWORD" VARCHAR2(20 BYTE),

PRIMARY KEY ("PATIENT\_ID")

USING INDEX PCTFREE 10 INITRANS 2 MAXTRANS 255 COMPUTE STATISTICS

STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645

PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1

BUFFER\_POOL DEFAULT FLASH\_CACHE DEFAULT CELL\_FLASH\_CACHE DEFAULT)

TABLESPACE "USERS" ENABLE

)

**Doctor Table:**

CREATE TABLE "EHMS"."DOCTORS"

( "DOCTOR\_ID" NUMBER,

"FIRST\_NAME" VARCHAR2(50 BYTE) NOT NULL ENABLE,

"LAST\_NAME" VARCHAR2(50 BYTE) NOT NULL ENABLE,

"SPECIALIZATION" VARCHAR2(100 BYTE),

"CONTACT\_NUMBER" VARCHAR2(20 BYTE),

"EMAIL" VARCHAR2(100 BYTE),

"HOSPITAL\_ID" NUMBER,

"PASSWORDS" VARCHAR2(10 BYTE),

PRIMARY KEY ("DOCTOR\_ID")

USING INDEX PCTFREE 10 INITRANS 2 MAXTRANS 255 COMPUTE STATISTICS

STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645

PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1

BUFFER\_POOL DEFAULT FLASH\_CACHE DEFAULT CELL\_FLASH\_CACHE DEFAULT)

TABLESPACE "USERS" ENABLE,

FOREIGN KEY ("HOSPITAL\_ID")

REFERENCES "EHMS"."HOSPITALS" ("HOSPITAL\_ID") ENABLE

)

**Hospital Table:**

CREATE TABLE "EHMS"."HOSPITALS"

( "HOSPITAL\_ID" NUMBER,

"HOSPITAL\_NAME" VARCHAR2(100 BYTE),

"LOCATION" VARCHAR2(200 BYTE),

"CONTACT\_NUMBER" VARCHAR2(20 BYTE),

PRIMARY KEY ("HOSPITAL\_ID")

USING INDEX PCTFREE 10 INITRANS 2 MAXTRANS 255 COMPUTE STATISTICS

STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645

PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1

BUFFER\_POOL DEFAULT FLASH\_CACHE DEFAULT CELL\_FLASH\_CACHE DEFAULT)

TABLESPACE "USERS" ENABLE

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