KEYS

-- Indexes for table admitted

--

ALTER TABLE admitted

ADD PRIMARY KEY ( Hospital\_id , Patient\_id );

ADD KEY fk\_Patient\_id FOREIGN KEY ( Patient\_id );

--

-- Indexes for table blood

--

ALTER TABLE blood

ADD PRIMARY KEY ( B\_code );

ADD KEY fk\_Donor\_id ( Donor\_id );

--

-- Indexes for table blood\_bank

--

ALTER TABLE blood\_bank

ADD PRIMARY KEY ( BB\_id );

ADD KEY fk\_Emp\_id ( Emp\_id );

--

-- Indexes for table donor

--

ALTER TABLE donor

ADD PRIMARY KEY ( Donor\_id , Phone\_no );

ADD KEY fk\_Rec\_id ( Rec\_id );

--

-- Indexes for table employee

--

ALTER TABLE employee

ADD PRIMARY KEY ( Emp\_id );

ADD UNIQUE KEY Phone ( Phone );

--

-- Indexes for table hospital

--

ALTER TABLE hospital

ADD PRIMARY KEY ( Hospital\_id );

ADD KEY Hospital\_id ( Hospital\_id );

--

-- Indexes for table orders

--

ALTER TABLE orders

ADD PRIMARY KEY ( Hospital\_id , B\_code );

ADD KEY B\_code ( B\_code );

--

-- Indexes for table patient

--

ALTER TABLE patient

ADD PRIMARY KEY ( Patient\_id );

--

-- Indexes for table phone

--

ALTER TABLE phone

ADD PRIMARY KEY ( Phone\_id );

ADD UNIQUE KEY Phone\_1 ( Phone\_1 , Phone\_2 );

--

-- Indexes for table receptionist

--

ALTER TABLE receptionist

ADD PRIMARY KEY ( Rec\_id );

ADD UNIQUE KEY Phone ( Phone );

ADD KEY fk\_BB\_id ( BB\_id );

--

ALTER TABLE admitted

ADD CONSTRAINT fk\_Hospital\_id FOREIGN KEY ( Hospital\_id ) REFERENCES hospital ( Hospital\_id )

On delete cascade;

ALTER TABLE admitted

ADD CONSTRAINT fk\_Patient\_id FOREIGN KEY ( Patient\_id ) REFERENCES patient ( Patient\_id )

On delete cascade;

--

-- CONSTRAINts for table blood

--

ALTER TABLE blood

ADD CONSTRAINT fk\_Donor\_id FOREIGN KEY ( Donor\_id ) REFERENCES donor ( Donor\_id );

--

-- CONSTRAINts for table blood\_bank

--

ALTER TABLE blood\_bank

ADD CONSTRAINT fk\_Emp\_id FOREIGN KEY ( Emp\_id ) REFERENCES employee ( Emp\_id )

On delete cascade;

--

-- CONSTRAINts for table donor

--

ALTER TABLE donor

ADD CONSTRAINT fk\_Rec\_id FOREIGN KEY ( Rec\_id ) REFERENCES receptionist ( Rec\_id )

On delete cascade;

--

-- CONSTRAINts for table orders

--

ALTER TABLE orders

ADD CONSTRAINT orders\_ibfk\_1 FOREIGN KEY ( Hospital\_id ) REFERENCES hospital ( Hospital\_id )

On delete cascade;

ADD CONSTRAINT orders\_ibfk\_2 FOREIGN KEY ( B\_code ) REFERENCES blood ( B\_code )

On delete cascade;

--

-- CONSTRAINts for table receptionist

--

ALTER TABLE receptionist

ADD CONSTRAINT fk\_BB\_id FOREIGN KEY ( BB\_id ) REFERENCES blood\_bank ( BB\_id )

On delete Cascade;

COMMIT;