

User (

E-Mail : text – required – no duplicates,

Name : text – required,

Surname : text – required,

Phone No : number – required,

PRIMARY KEY (E-Mail)

)

Workers(

Workers_E-Mail : text – required – no duplicates,

Salary : number, required,

PRIMARY KEY (Workers_E-Mail),

FOREIGN KEY (Workers_E-Mail) REFERENCES User.E-Mail

)

Provider (

Provider_E-Mail : text - required - no duplicates,

PRIMARY KEY(Providers_Email),

FOREIGN KEY(E-Mail) REFERENCES User.E-Mail

)

Customer(

Customer_E-Mail : text – required – no duplicates

PRIMARY KEY (customer_E-Mail),

FOREIGN KEY (customer_ E-Mail) REFERENCES users. E-Mail

)

Associated(

Rid : text – required – no duplicates,

E-Mail : text – required – no duplicates,

PRIMARY KEY (Rid , E-Mail),

FOREIGN KEY (Rid) REFERENCES Request.Rid,
FOREIGN KEY (E-Mail) REFERENCES Workers.E-Mail
)

Has(
 id : number – required – no duplicates,
 Sid : number – required – no duplicates,
 PRIMARY KEY (id, Sid),
 FOREIGN KEY (id) REFERENCES Type.id,
 FOREIGN KEY (Sid) REFERENCES Services.Sid
)

Request(
 Request_id : number - required - no duplicates,
 date : date - required,
 status : text - required,
 PRIMARY KEY (Request_id),
 FOREIGN KEY (Request_id) REFERENCES Users.E-Mail
)

Makes(
 Customer_ E-Mail: text – required,
 Request_id : number – required
 PRIMARY KEY (Customer_ E-Mail, Request_id),
 FOREIGN KEY (Customer_ E-Mail) REFERENCES Customer. Customer_ E-Mail
 FOREIGN KEY(Request_id) REFERENCES Request. Request_id
)

Perform (

Workers_ E-Mail : text - required - no duplicates,
Type_id : number - required - no duplicates,
Services_Sid : number - required - no duplicates,
PRIMARY KEY(Workers_E-mail, Type_id, Services_Sid),
FOREIGN KEY(Workers_E-mail) REFERENCES User.E-Mail,
FOREIGN KEY(Type_id) REFERENCES Type.id,
FOREIGN KEY(Services_Sid) REFERENCES Services.Sid
)

Services(
Service_id: number - required - no duplicates,
Service_name: text - required,
Service_description: text - required,
PRIMARY KEY(service_id)
)

Offers(
Provider_id: number - required - no duplicates,
Service_id: number - required,
PRIMARY KEY(provider_id)
FOREIGN KEY(provider_id) REFERENCES Users.id
FOREIGN KEY(service_id) REFERENCES Service.id
)

Type(
Type_id : number - required - no duplicate
Type_name: text - required
PRIMARY KEY(type_id)
)

Reviews (

customer_ E-Mail: text - required - no duplicates,

request_id : number - required - no duplicates

Type_Name : text - required,

Type_id : number - required,

Services_Sid : number - required - no duplicates,

Services_Sname : text - required,

Services_Description : text - required,

comment : text

rating : number ,greater than zero , less than hundred

PRIMARY KEY (customer_ E-Mail, request_id, Type_id, Services_Sid)

FOREIGN KEY (customer_ E-Mail) REFERENCES User. E-Mail

FOREIGN KEY (request_id) REFERENCES Request.Rid

FOREIGN KEY (Type_id) REFERENCES type.id

FOREIGN KEY (Services_Sid) REFERENCES Services.Sid

)

Made for (

Request_Rid: number - required - no duplicates,

Type_id : number - required - no duplicates,

Services_Sid : number - required - no duplicates,

PRIMARY KEY(Request_Rid, Type_id, Services_Sid),

FOREIGN KEY(Request_Rid) REFERENCES Request.Rid,

FOREIGN KEY(Type_id) REFERENCES Type.id,

FOREIGN KEY(Services_Sid) REFERENCES Services.Sid

)