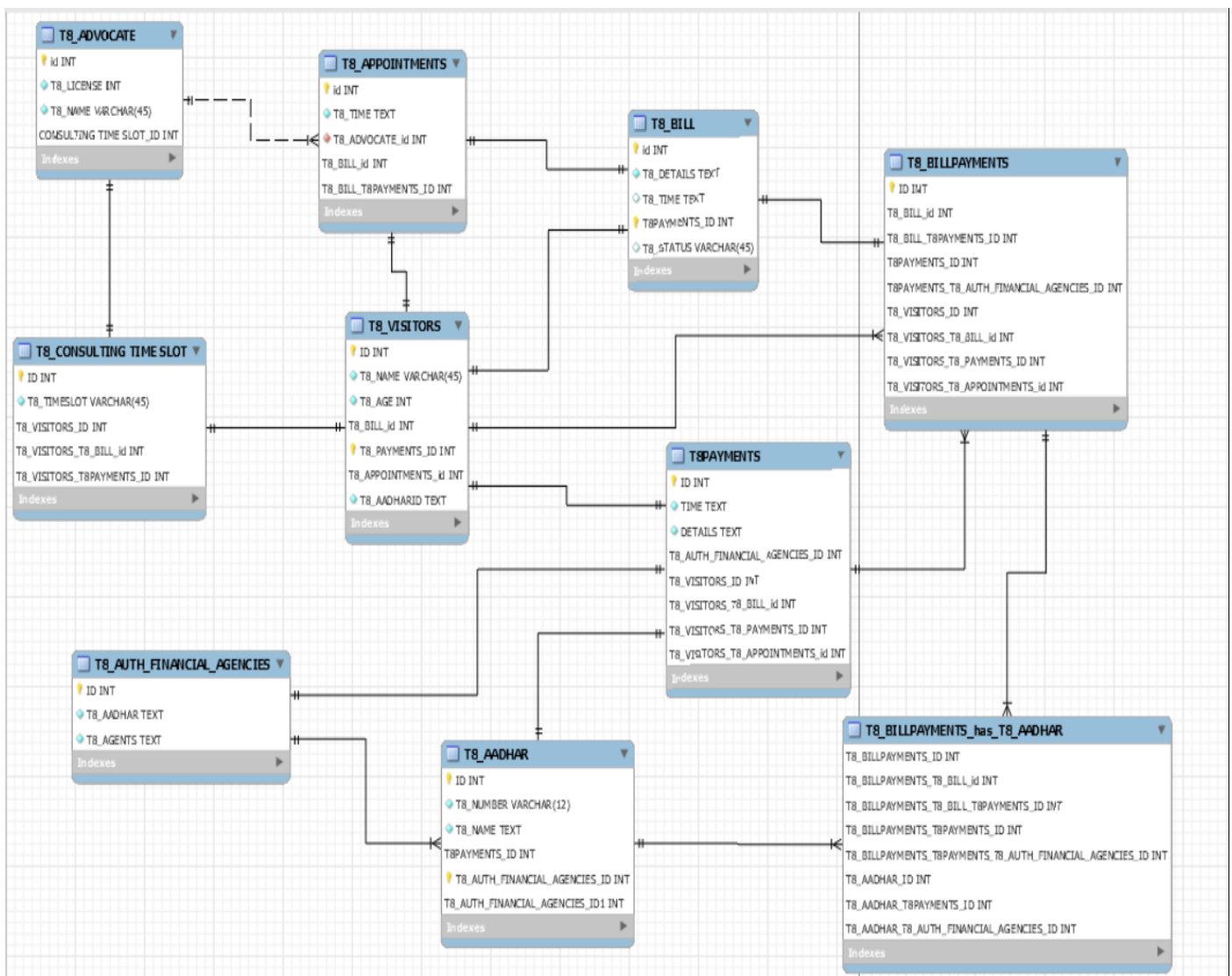


TEAM 8 DBMS QUIZ

GROUP HACKATHON - ADVOCATE CONSULTING FIRM PROBLEM STATEMENT

- E.R DIAGRAM:



- SCHEMA OF ALL THE ENTITIES:

Team-8

T8-ADVOCATE (T8-id, T8-LICENSE,
T8-NAME, T8-CONSULTING TIME SLOT-ID
);

T8-APPOINTMENTS (T8-id, T8-TIME,
T8-ADVOCATE-ID, T8-BILL-ID,
T8-BILLPAYMENTS-ID
);

T8-BILL (T8-ID, T8-DETAILS, T8-TIME,
T8-PAYMENTS-ID
);

T8-CONSULTING TIME SLOT (T8-id,
T8-TIMESLOT, T8-VISITORS-ID,
T8-VISITORS-T8-BILL-ID,
T8-VISITORS-T8-PAYMENTS-ID
);

T8-VISITORS (T8-id, T8-NAME, T8-AGE,
T8-BILL-id, T8-PAYMENTS-ID,
T8-APPOINTMENTS-id, T8-AADHARID
);

T8-PAYMENTS (T8-ID, T8-TIME,
T8-DETAILS, T8-AUTH-FINANCIAL-
AGENCIES-ID, T8-VISITORS-ID,
T8-VISITORS-T8-BILL-ID,

2021/2/15 10:45

T8-VISITORS - T8-PAYMENTS-ID ,
T8-VISITORS - T8-APPOINTMENTS-ID

);

T8-BILLPAYMENTS (T8-id, T8-BILL-id,
T8-BILL-T8-PAYMENTS, T8-PAYMENTS-ID,
T8-PAYMENTS-T8-AUTH-FINANCIAL-
AGENCIES-ID, T8-VISITORS-ID,
T8-VISITORS - T8-BILL-ID,
T8-VISITORS - T8-PAYMENTS-ID,
T8-VISITORS - T8-APPOINTMENTS-ID

);

T8-AUTH-FINANCIAL-AGENCIES (T8-ID,
T8-AADHAR, T8-AGENTS

);

T8-AADHAR (T8-ID, T8-NUMBER, T8-NAME,
T8-PAYMENTS-ID, T8-AUTH-FINANCIAL
-AGENCIES-ID,
T8-AUTH-FINANCIAL-AGENCIES-ID

);

T8-BILLPAYMENTS-has-T8-AADHAR (
T8-BILLPAYMENTS-ID,
T8-BILLPAYMENTS-T8-BILL-ID,
T8-BILLPAYMENTS-T8-BILL-T8PAYMENTS-ID,
T8-BILLPAYMENTS-T8PAYMENTS-ID,
T8-BILLPAYMENTS-T8PAYMENTS-T8-AUTH
-FINANCIAL-AGENCIES-ID,
T8-AADHAR-ID,

2021/2/15 10:45

T8-AADHAR - T8PAYMENTS-ID,
T8-AADHAR - T8-AUTH-FINANCIAL -
AGENCIES-ID

);

• TYPES OF RELATIONSHIPS BETWEEN ENTITIES:

Relationships between Entities

(1) Advocate — (M) visitor (appointment)

(1) Consulting (time slot) — (1) advocate

(1) Consulting (time slot) — (1) visitor

(1) visit — (1) Bill

(1) Payment — (1) Bill

(1) Bill — (M) Payments

(1) Visitor — (M) Payments

(1) Payment — (1) visitor

(M) Aadhar — (1) Authorised

(1) Aadhar — (1) Payment

(M) Aadhar — (1) Authorised — (M) Payments

(1) Payment — (1) Authorised.

* The Authorised Financial institute can process many Social Security (Aadhar) number requests for registration.

This is a Many(M) — Many(M) relation which we converted to other type of relation i.e. (M) Aadhar — (1) Authorised
(1) Authorised — (M) Payment