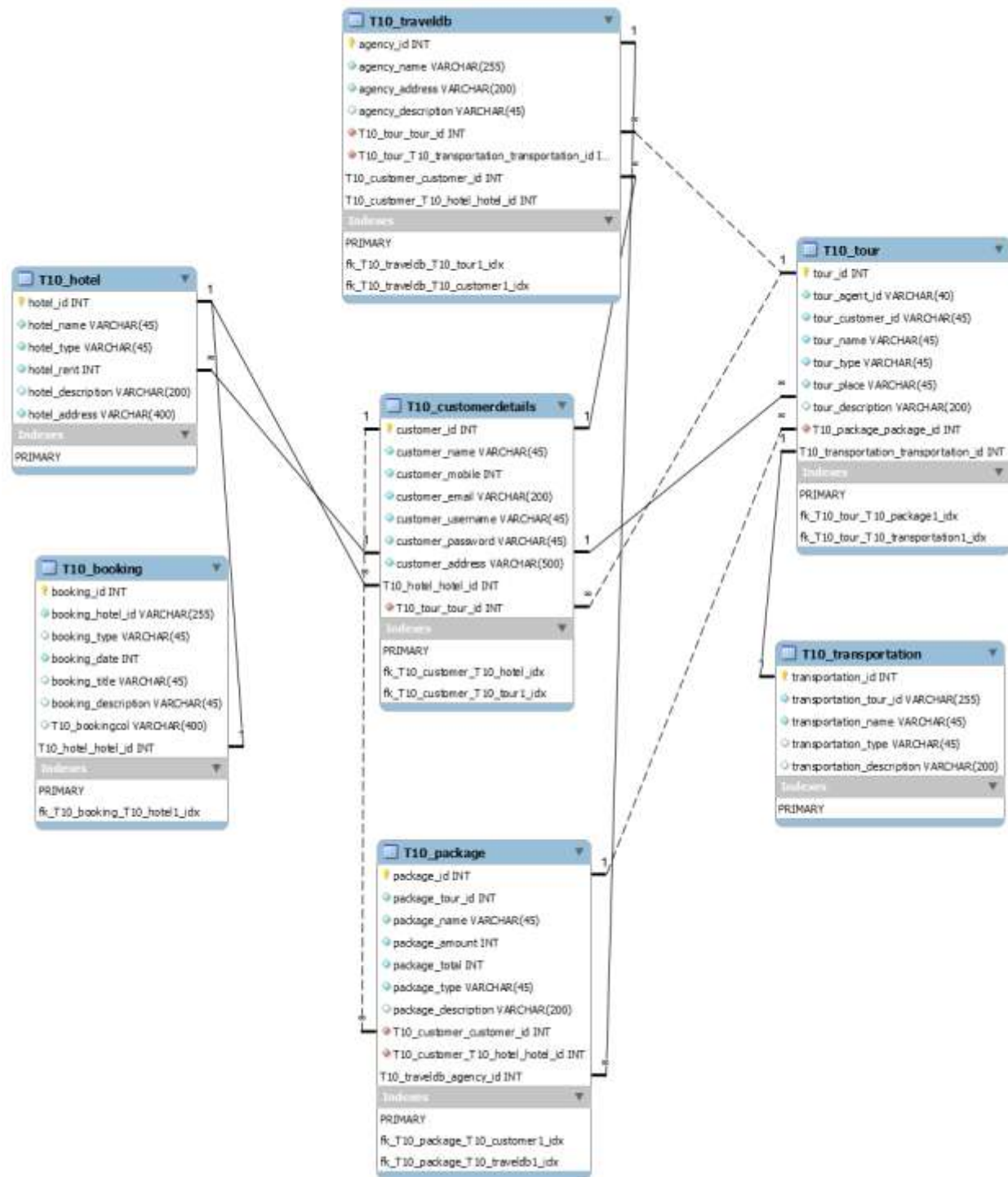


MODIFIED VERSION OF ASSIGNMENT-1



Primary Keys and Foreign Keys are in the above photo.

- Primary Key is denoted with a yellow symbol.
- Foreign Keys are mentioned in their respective tables under Index option with fk notation.

RELATIONS:-

1. customer_id and agency_id are having a strong relationship.
2. Package_id and tour are having a weak relationship
3. Hotel and customer_id are having a strong relation
4. Booking and hotel_id are having a strong relationship
5. customer_id and tour are having a weak relationship
6. Customer_id and package are having a weak relation
7. transportation_id and tour_id are having a strong relationship
8. agency_id and tour_id are having weak relationship.
9. Package_id and agency_id are having a strong relationship.

Why a Strong Relationship??

Entity is existence-dependent of other entity. Because for booking a hotel, customer_id is compulsory, without that we can't book. So it is strong relationship. Solid line represents strong relationship.

Why a Weak Relationship??

Entity is existence-independent of other entity. For a package we necessarily don't need a tour_id even without it we can book a package. But we need the agency because we book packages through the agencies. So relation between package and tour is weak but relation between package and agency is strong. Dashed lines represent weak relationship.

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