



## **Explanation:-**

Primary Keys and Foreign Keys are in the above photo.

1. Primary Key is denoted with a yellow symbol.
2. 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??
    - Because for booking a hotel, customer\_id is compulsory, without that we can't book .So it is strong relationship.

- Why a Weak Relationship??

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.