**ER Diagram**

An Entity relationship diagram is avisual representation of different entities within a system and how they relate each other. They are widely used to design relational databases. In this section we discuss about the ER diagram for our proposed project.

The following ER diagram has 5 entities:

ADMIN\_DETAILS, HEALTH\_INSPECTOR, QUARANTINE,PATIENT,USER\_DETAILS with email\_id, insp\_id, person\_id, patient\_id,email as key attribute respectively.

* There is a 1:N relationship between ADMIN\_DETAILS and HEALTH\_INSPECTOR, QUARANTINE,PATIENT with UPDATES as a relation.
* There is a M:N relationship between USER\_DETAILS and HEALTH\_INSPECTOR, QUARANTINE,PATIENT with RETRIVES as a relation.