So this is a simple database which stores user data and data associated with user device.

1. Each user has some data associated with him, like – id, name, email, pass., etc.
2. Similarly each device has its own data like – id, name, and which user its associated to.
3. Because each user can have multiple devices, there is a 1-to-many relation between them. And we use user_id as foreign key in the DEVICES table.
4. Every device collects some data like – captures image, records audio, measures some parameter, etc. all that is stored in USER_DATA table. And we have device_id as foreign key in USER_DATA
5. And again, 1 device and capture many data, so there is 1-to-many relation between them.