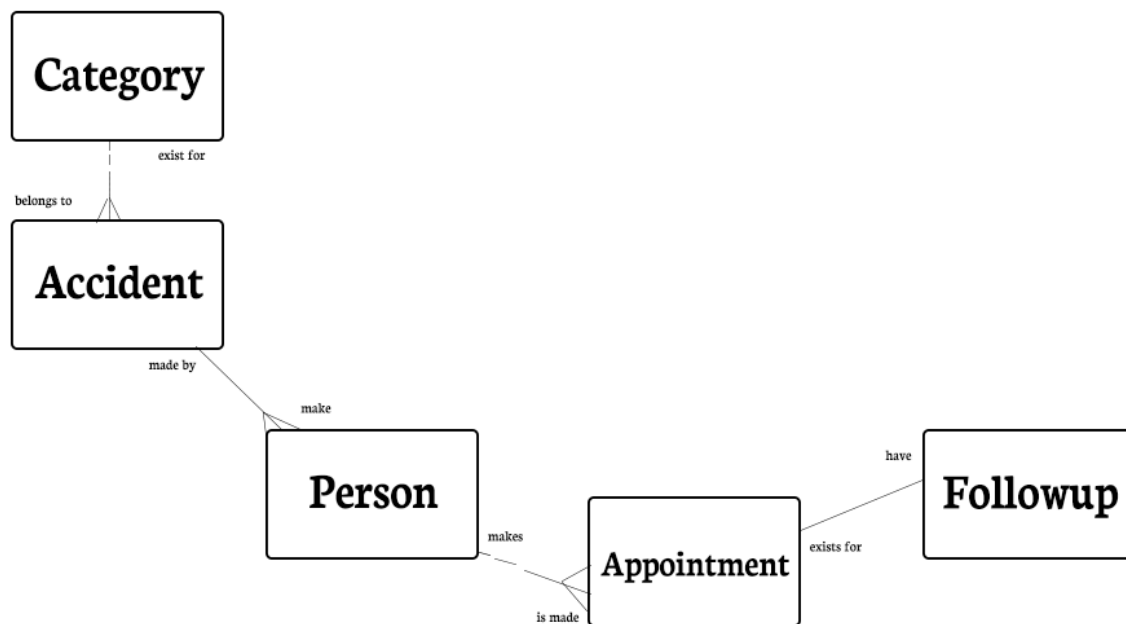


## Entity Relationship Model

For this entity relationship model, I have decided that the scenario can be described as “One person can have many different incidents, but an incident can only have one person and one type of incident can have many different incidents a person can have many appointments, in each appointment a follow up is discussed”

### Part A: Entity Relationship Model:



### Part B: Identify sensible attributes to each entity

#### Category

- Staff
- General public
- Participant

#### Accident

- Accident Identifier
- Accident Description
- Accident Treatment
- Accident Followup required
- Accident Location

#### Person

- Person's first name
- Person's second name
- Person's accident identifier
- Person's address

## Appointment

- Appointment ID
- Time
- Date
- Person

## Follow up

- Appointment ID
- Person
- Discussion topic

## Normalisation

UNF	UNF Level	1NF	2NF	3NF
<u>Incident ID</u> Incident Location Incident follow up needed. Incident treatment given. Person's address Appointment topic Person's NIN Appointment time Person's name Incident Description Incident Type	1 1 1 1 1 2 2 2 2 2	<u>Incident ID</u> Incident Location Incident follow up needed. Incident treatment given. Person's address Appointment topic  <u>Incident ID</u> <u>Person's NIN</u> Appointment time Person's name Incident Description Incident Type	<u>Incident ID</u> Incident Location Incident follow up needed. Incident treatment given. Person's address Person's name  <u>Incident ID</u> Incident Description Incident Type  <u>Incident ID</u> <u>Person's NIN</u> Appointment time Appointment topic	<u>Incident ID</u> *Person's NIN Incident Location Incident follow up needed. Incident treatment given.  <u>Person's NIN</u> Person's address Person's name  <u>Incident ID</u> Incident Description Incident Type  <u>Incident ID</u> <u>Person's NIN</u> Appointment time Appointment topic

### 3NF Data structure Diagram

