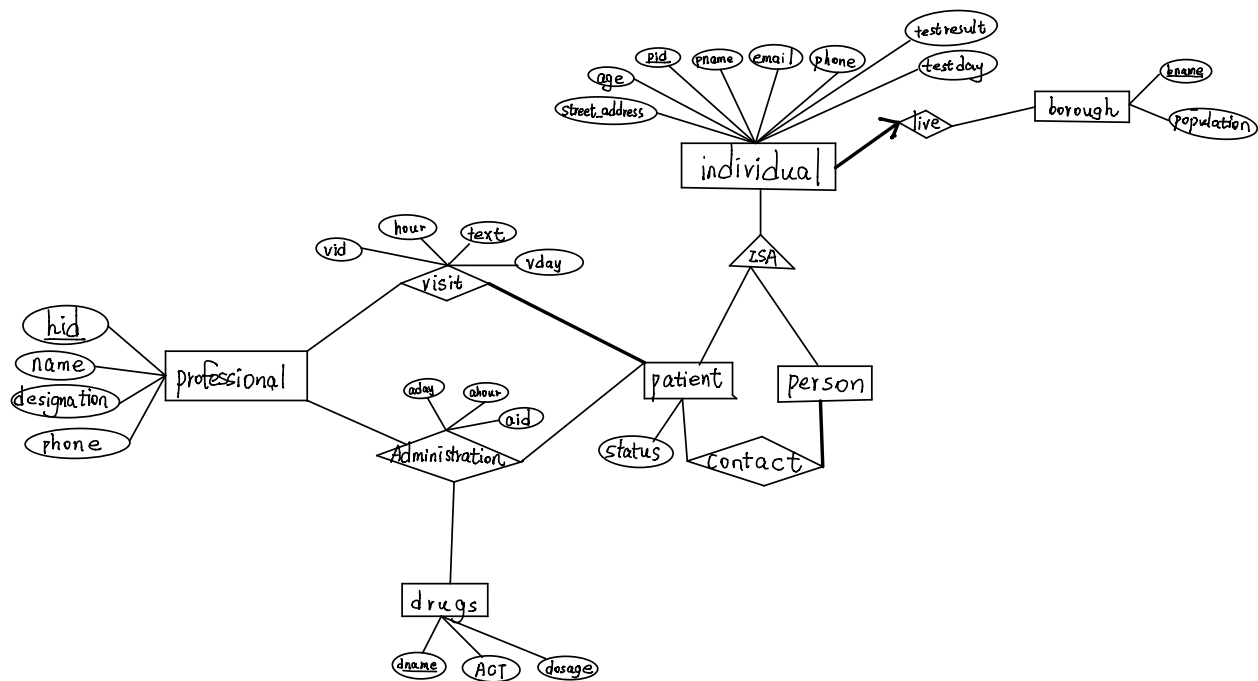- Let hid be the hospital id
- pid be the artifical key of individual
- bname be the name of borough
- tday be the day of testing
- vhour and vday be the hour and day of visiting
- aday and ahour be the hour and day of administration
- dame be the name of drugs.

- Constraints might not expressed in E/R diagram:
  ① If the person are tested as positive, it will be moved to patient
  ② The administation of drug can not be done on recovered or dead patient.
  ③ Once the latest testing result come out, the result attribute should be updated.
  ④ Not all the person's information will be immediately avaliable.