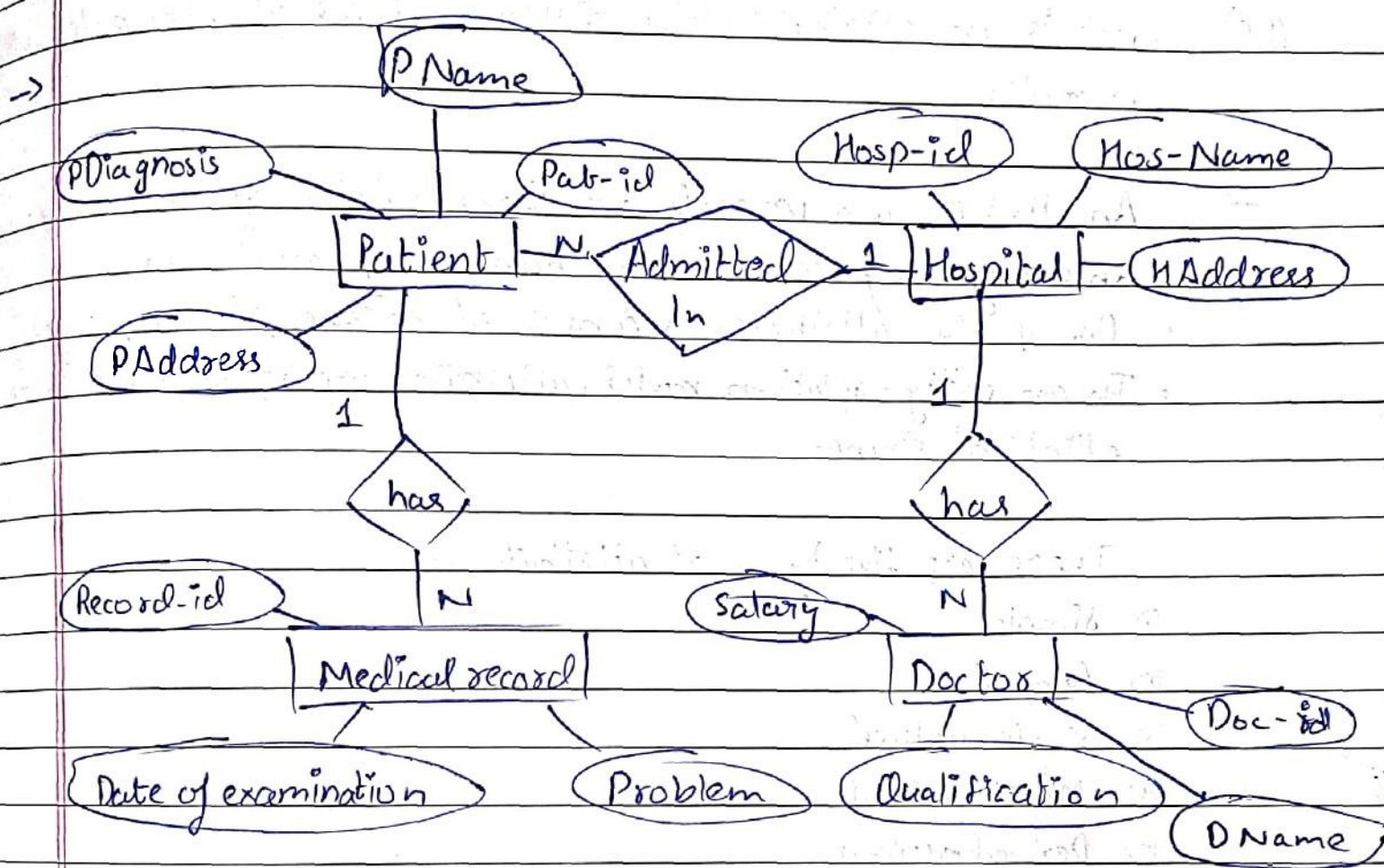


Assignment No. 1

Q1) Differentiate between file processing system and database management system.

Database management system	File processing system
<ul style="list-style-type: none"> • Computerized record-keeping system is used in DBMS. • DBMS allows flexible access to data. • It co-ordinates both the physical and logical. • DBMS provides multiple user interface. • Unauthorized access is restricted in DBMS. 	<ul style="list-style-type: none"> • Collection of individual files accessed by applications program is called file processing system. • File-processing system is designed to allow predetermined access to data. • It co-ordinates only the physical access to data. • Data is isolated in the file system. • Unauthorized access cannot be restricted.

Q2) Construct ER diagram for hospital management system with proper assumptions.



Primary Key

foreign key

- Hosp-id → Pat-id is foreign key references to pat-id of patient table.
- Doc-id is foreign key references to Doc-id of doctor table.
- Pat-id → Record-id references to Record-id of Medical Record table.
- n-id references to Hosp-id of Hospital table.
- Record-id → Pat-id references to Hosp-id of Hospital table.
- Doctor-id → Hosp-id references to Hosp-id of Hospital table.

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