



Processing, Explanation of Entities and Databases:

D1: Database storing doctor login information

D2: Database storing patient login information

D3: Database storing patient historical data

D4: Database storing standard joint data

Login: Log in

Verification: Compare login information with D1 or D2 for authentication

Sign up: Register an account, add a new row to D2

Query: The functions of the three Queries are similar, querying the database

Change: Modify the database

Doctor Sign up: Specifically, registration for doctor users is handled by Admin

Information Request: Initiate a data collection request

Display: Present data in a specific format

Patient Management: Retrieve all patient rows

Select Patient: Select a specific patient to obtain more detailed information

Comparison: Compare the selected patient's information with the standard joint database

Information Process: Process the collected data