

Assumptions

- Each patient can be assigned to one doctor at a time.
- Whenever the doctor logs out he has seen all the patients assigned to him, so the newly assigned field is made "No" after he logs out.
- HOD has limited admin rights, add doctors, view doctors and view patients.
- Doctor can sort patients assigned to him based on patient id and status.
- When doctor updates medical history he writes valid department for the patient.
- Patient can assign himself to a doctor only once.
- Admin can login using user-id, admin and password, admin with or without selecting patient or doctor radio button.
- When a patient is under a particular doctor the status of the medical history is "active".
- When a patient is referred to another doctor the status of the medical history is "inactive".
- User-id and doctor-id is fixed, they cannot be modified.
- Admin can view passwords of user and doctor.
- HOD can view passwords of user and doctor

Database:

1) Table history

Server: 127.0.0.1 » Database: hospital » Table: history

Table structure | Relation view

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1	docID	varchar(20)	latin1_swedish_ci	Yes	NULL			Change Drop More
<input type="checkbox"/>	2	patID	varchar(20)	latin1_swedish_ci	Yes	NULL			Change Drop More
<input type="checkbox"/>	3	department	varchar(20)	latin1_swedish_ci	Yes	NULL			Change Drop More
<input type="checkbox"/>	4	disease	varchar(50)	latin1_swedish_ci	Yes	NULL			Change Drop More
<input type="checkbox"/>	5	medicine	varchar(100)	latin1_swedish_ci	Yes	NULL			Change Drop More
<input type="checkbox"/>	6	test	varchar(100)	latin1_swedish_ci	Yes	NULL			Change Drop More
<input type="checkbox"/>	7	status	varchar(20)	latin1_swedish_ci	Yes	NULL			Change Drop More
<input type="checkbox"/>	8	day_of_a	varchar(20)	latin1_swedish_ci	Yes	NULL			Change Drop More
<input type="checkbox"/>	9	toa	time		Yes	NULL			Change Drop More
<input type="checkbox"/>	10	day_of_d	varchar(20)	latin1_swedish_ci	Yes	NULL			Change Drop More
<input type="checkbox"/>	11	tod	time		Yes	NULL			Change Drop More
<input type="checkbox"/>	12	newly_assigned	varchar(10)	latin1_swedish_ci	Yes	NULL			Change Drop More

☐ Check all With selected: Browse Change Drop Primary Unique Index Fulltext Add to central columns
 Remove from central columns

Print Propose table structure Track table Move columns Normalize

Add 1 column(s) after newly_assigned

Indexes

No index defined!

Create an index on 1 column(s)

Console

2) Table patient

Server: 127.0.0.1 » Database: hospital » Table: patient

Browse Structure SQL Search Insert Export Import Privileges Operations Tracking Triggers

Table structure Relation view

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1	patID	varchar(20)	latin1_swedish_ci	Yes	NULL			Change Drop More
<input type="checkbox"/>	2	password	varchar(20)	latin1_swedish_ci	Yes	NULL			Change Drop More
<input type="checkbox"/>	3	name	varchar(20)	latin1_swedish_ci	Yes	NULL			Change Drop More
<input type="checkbox"/>	4	age	int(11)		Yes	NULL			Change Drop More
<input type="checkbox"/>	5	address	varchar(40)	latin1_swedish_ci	Yes	NULL			Change Drop More
<input type="checkbox"/>	6	email	varchar(40)	latin1_swedish_ci	Yes	NULL			Change Drop More
<input type="checkbox"/>	7	phoneNo	varchar(20)	latin1_swedish_ci	Yes	NULL			Change Drop More
<input type="checkbox"/>	8	critical	varchar(20)	latin1_swedish_ci	Yes	NULL			Change Drop More
<input type="checkbox"/>	9	department	varchar(20)	latin1_swedish_ci	Yes	NULL			Change Drop More
<input type="checkbox"/>	10	location	varchar(10)	latin1_swedish_ci	Yes	NULL			Change Drop More

☐ Check all With selected: Browse Change Drop Primary Unique Index Fulltext Add to central columns
 Remove from central columns

Print Propose table structure Track table Move columns Normalize

Add 1 column(s) after location

Indexes

No index defined!

Create an index on 1 columns

Partitions

Console

3) Table - department

The screenshot displays a database management interface for a table named 'department' in a database called 'hospital'. The table structure is shown in 'Table structure' view. The table has three columns: 'deptID', 'depName', and 'HOD', all of type 'varchar(40)' and collation 'latin1_swedish_ci'. Each column is not null and has no default value. The interface includes various tools like 'Browse', 'Structure', 'SQL', 'Search', 'Insert', 'Export', 'Import', 'Privileges', 'Operations', 'Tracking', and 'Triggers'. Below the table structure, there are options to 'Check all', 'With selected', 'Browse', 'Change', 'Drop', 'Primary', 'Unique', 'Index', 'Fulltext', and 'Add to central columns'. There is also a 'Remove from central columns' option. At the bottom, there are sections for 'Indexes' (No index defined!), 'Partitions' (No partitioning defined!), and 'Information' (Space usage, Row statistics).

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	deptID	varchar(40)	latin1_swedish_ci		No	None			Change Drop More
2	depName	varchar(40)	latin1_swedish_ci		No	None			Change Drop More
3	HOD	varchar(40)	latin1_swedish_ci		No	None			Change Drop More

Indexes

No index defined!

Create an index on 1 column(s) after HOD Go

Partitions

No partitioning defined!

Partition table

Information

Space usage Row statistics

4)Table - doctor

The screenshot displays a database management interface for a table named 'doctor' in a database named 'hospital'. The table structure is shown in a tabular format with columns for #, Name, Type, Collation, Attributes, Null, Default, Comments, Extra, and Action. The table has 10 columns: name, docID, category, position, department, email, qualification, password, timeFrom, and timeTo. All columns are of type varchar or time, with a collation of latin1_swedish_ci. The 'Attributes' column is empty for all rows. The 'Null' column is 'No' for all rows. The 'Default' column is 'None' for all rows. The 'Comments' column is empty for all rows. The 'Extra' column is empty for all rows. The 'Action' column contains links for 'Change', 'Drop', and 'More' for each column.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	name	varchar(20)	latin1_swedish_ci		No	None			Change Drop More
2	docID	varchar(20)	latin1_swedish_ci		No	None			Change Drop More
3	category	varchar(20)	latin1_swedish_ci		No	None			Change Drop More
4	position	varchar(40)	latin1_swedish_ci		No	None			Change Drop More
5	department	varchar(20)	latin1_swedish_ci		No	None			Change Drop More
6	email	varchar(40)	latin1_swedish_ci		No	None			Change Drop More
7	qualification	varchar(40)	latin1_swedish_ci		No	None			Change Drop More
8	password	varchar(40)	latin1_swedish_ci		No	None			Change Drop More
9	timeFrom	time			No	None			Change Drop More
10	timeTo	time			No	None			Change Drop More

Below the table structure, there are several tabs and buttons. The 'Indexes' tab is selected, showing a message 'No index defined!'. There is a button 'Create an index on' followed by a dropdown menu showing '1' and a 'Go' button. The 'Partitions' tab is also visible. The 'Console' tab is at the bottom.