

Database: forum

The screenshot shows the phpMyAdmin interface for a database named 'forum'. The left sidebar displays a tree view of databases, with 'forum' selected. The main panel shows the 'Structure' tab for the 'forum' database. It lists five tables: 'categories', 'posts', 'resources', 'topics', and 'users'. Each table has a star icon, a 'Browse' button, and a 'Structure' button. The 'Structure' button is highlighted for the 'users' table. Below the table list, there is a 'Create table' button and a form with 'Name:' and 'Number of columns: 4' fields. A 'Go' button is at the bottom right of the form.

Table	Action	Rows	Type	Collation	Size
categories		3	InnoDB	latin1_swedish_ci	32 Kib
posts		28	InnoDB	latin1_swedish_ci	48 Kib
resources		4	InnoDB	latin1_swedish_ci	1.5 Mib
topics		6	InnoDB	latin1_swedish_ci	48 Kib
users		4	InnoDB	latin1_swedish_ci	32 Kib
5 tables	Sum	37	InnoDB	latin1_swedish_ci	1.7 Mib

Multiple Tables Implementation:

1. Users

The screenshot shows the phpMyAdmin interface for the 'users' table in the 'forum' database. The 'Table structure' tab is selected. It displays the table's structure with columns: 'user_id', 'user_name', 'user_pass', 'user_email', 'user_date', and 'user_level'. Each column has a checkbox, a number, a name, a type, a collation, attributes, null status, default value, extra options, and an action menu. The 'user_id' column is the primary key. Below the table structure, there are buttons for 'Check All', 'With selected:', 'Browse', 'Change', 'Drop', 'Primary', 'Unique', and 'Index'. At the bottom, there are buttons for 'Print view', 'Propose table structure', 'Track table', 'Move columns', and 'Improve table structure'.

#	Name	Type	Collation	Attributes	Null	Default	Extra	Action
1	user_id	int(8)			No	None	AUTO_INCREMENT	
2	user_name	varchar(30)	latin1_swedish_ci		No	None		
3	user_pass	varchar(255)	latin1_swedish_ci		No	None		
4	user_email	varchar(255)	latin1_swedish_ci		No	None		
5	user_date	datetime			No	None		
6	user_level	int(8)			No	None		

#	Name	Type	Collation	Attributes	Null	Default	Extra	Action
<input type="checkbox"/>	1 cat_id	int(8)			No	None	AUTO_INCREMENT	Change Drop
<input type="checkbox"/>	2 cat_name	varchar(255)	latin1_swedish_ci		No	None		Change Drop
<input type="checkbox"/>	3 cat_description	varchar(255)	latin1_swedish_ci		No	None		Change Drop

☐ Check All
 With selected:
 Browse
 Change
 Drop
 Primary
 Unique
 Index

#	Name	Type	Collation	Attributes	Null	Default	Extra	Action
<input type="checkbox"/>	1 topic_id 📌	int(8)			No	None	AUTO_INCREMENT	Change Drop
<input type="checkbox"/>	2 topic_subject	varchar(255)	latin1_swedish_ci		No	None		Change Drop
<input type="checkbox"/>	3 topic_date	datetime			No	None		Change Drop
<input type="checkbox"/>	4 topic_cat	int(8)			No	None		Change Drop
<input type="checkbox"/>	5 topic_by	int(8)			No	None		Change Drop

☐ Check All
 With selected:
 Browse
 Change
 Drop
 Primary
 Unique
 Index

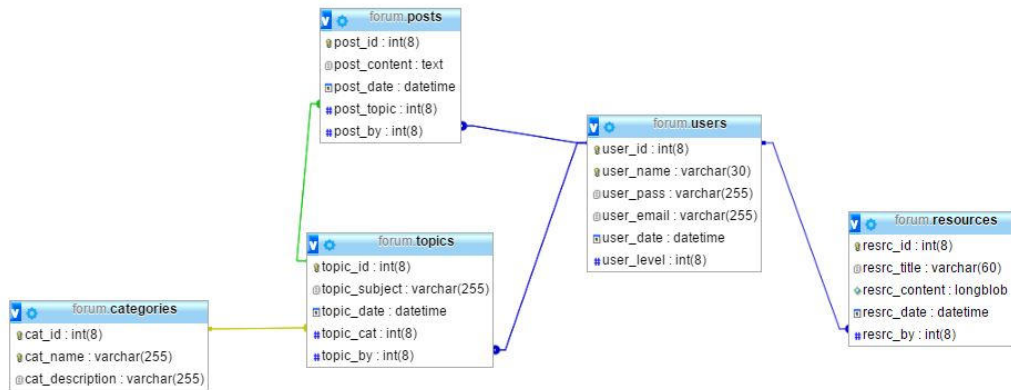
#	Name	Type	Collation	Attributes	Null	Default	Extra	Action
<input type="checkbox"/> 1	post_id	int(8)			No	None	AUTO_INCREMENT	Change Drop More
<input type="checkbox"/> 2	post_content	text	latin1_swedish_ci		No	None		Change Drop More
<input type="checkbox"/> 3	post_date	datetime			No	None		Change Drop More
<input type="checkbox"/> 4	post_topic	int(8)			No	None		Change Drop More
<input type="checkbox"/> 5	post_by	int(8)			No	None		Change Drop More

☐ Check All
 With selected:
 Browse
 Change
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#	Name	Type	Collation	Attributes	Null	Default	Extra	Action
1	resrc_id	int(8)			No	None	AUTO_INCREMENT	Change Drop
2	resrc_title	varchar(60)	latin1_swedish_ci		Yes	NULL		Change Drop
3	resrc_content	longblob			No	None		Change Drop
4	resrc_date	datetime			No	None		Change Drop
5	resrc_by	int(8)			No	None		Change Drop

☐ Check All With selected: Browse Change Drop Primary Unique Index

ERD Diagram:



Authentication:
function.

Passwords are stored in database as an encrypted strings generated by sha1