Database: forum

Multiple Tables Implementation:

1. Users

2. Categories

#	Name	Type	Collation	Attributes	Null	Default	Extra	Action		
1	cat_id	int(8)			No	None	AUTO_INCREMENT	Change	Drop	▼
2	cat_name	varchar(255)	latin1_swedish_ci		No	None		Change	Drop	▼
3	cat_description	varchar(255)	latin1_swedish_ci		No	None		Change	Drop	▼

↑ ☐ Check All   With selected: 🔲 Browse   🖊 Change   ⊖ Drop   🔑 Primary   Ⓤ Unique   📇 Index

3. Topics

#	Name	Type	Collation	Attributes	Null	Default	Extra	Action		
1	topic_id	int(8)			No	None	AUTO_INCREMENT	Change	Drop	▼ M
2	topic_subject	varchar(255)	latin1_swedish_ci		No	None		Change	Drop	▼ M
3	topic_date	datetime			No	None		Change	Drop	▼ M
4	topic_cat	int(8)			No	None		Change	Drop	▼ M
5	topic_by	int(8)			No	None		Change	Drop	▼ M

↑ ☐ Check All   With selected: 🔲 Browse   🖊 Change   ⊖ Drop   🔑 Primary   Ⓤ Unique   📇 Index

4. Posts

#	Name	Type	Collation	Attributes	Null	Default	Extra	Action		
1	post_id	int(8)			No	None	AUTO_INCREMENT	Change	Drop	▼ More
2	post_content	text	latin1_swedish_ci		No	None		Change	Drop	▼ More
3	post_date	datetime			No	None		Change	Drop	▼ More
4	post_topic	int(8)			No	None		Change	Drop	▼ More
5	post_by	int(8)			No	None		Change	Drop	▼ More

↑ ☐ Check All   With selected: 🔲 Browse   🖊 Change   ⊖ Drop   🔑 Primary   Ⓤ Unique   📇 Index

5. Resources

#	Name	Type	Collation	Attributes	Null	Default	Extra	Action		
1	resrc_id	int(8)			No	None	AUTO_INCREMENT	Change	Drop	▼ M
2	resrc_title	varchar(60)	latin1_swedish_ci		Yes	NULL		Change	Drop	▼ M
3	resrc_content	longblob			No	None		Change	Drop	▼ M
4	resrc_date	datetime			No	None		Change	Drop	▼ M
5	resrc_by	int(8)			No	None		Change	Drop	▼ M

↑ ☐ Check All   With selected: 🔲 Browse   🖊 Change   ⊖ Drop   🔑 Primary   Ⓤ Unique   📇 Index
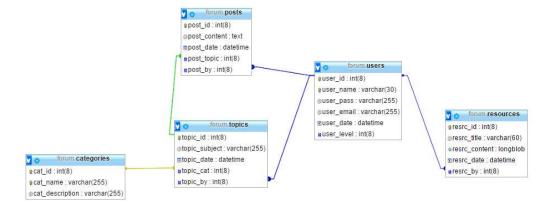
ERD Diagram:

Authentication: Passwords are stored in database as an encrypted strings generated by sha1 function.