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Web Site: Task Planner

Functionality:

Easily keep track of your assignments, tasks, and goals! This site will provide a simple list-based assignment or task planner. Users can enter a text description, an associated due date, and an appropriate icon for their task.

Database:

Table Designs:

user_role table design






Table Name:

user_role

Schema: **FA20_3308_tuc48712**

Column Name	Datatype	PK	NN	UQ	B	UN	ZF	AI	G	Default/Expression
 user_role_id	INT(11)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
 user_role_type	VARCHAR(10)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

web_user table design












Table Name:

web_user

Schema: **FA20_3308_tuc48712**








Column Name	Datatype	PK	NN	UQ	B	UN	ZF	AI	G	Default/Expression
 web_user_id	INT(11)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
 user_email	VARCHAR(55)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
 user_password	VARCHAR(45)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NULL
 image	VARCHAR(200)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NULL
 birthday	DATE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NULL
 membership_fee	DECIMAL(12,2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NULL
 user_role_id	INT(11)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	


	Table Name: <input type="text" value="web_user"/>
Foreign Key Name	Referenced Table
web_user_ibfk_1	`FA20_3308_tuc48712`.`user_role`

task table design

SQL File 3* task - Table x

Table Name: Schema: **FA20_3308_tuc48712**

Column Name	Datatype	PK	NN	UQ	B	UN	ZF	AI	G	Default/Expression
 task_id	INT(11)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
 task_title	VARCHAR(45)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
 due_date	DATE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NULL
 task_desc	VARCHAR(255)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NULL
 image	VARCHAR(200)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NULL
 task_weight	INT(2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NULL
 web_user_id	INT(11)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

 Table Name:

Foreign Key Name	Referenced Table
task_ibfk_1	`FA20_3308_tuc48712`.`web_user`
<input type="text"/>	<input type="text"/>

Select Statements

USER_ROLE: all rows, all columns, sorted by user_role_id

The screenshot shows a database query tool interface. At the top, a tab labeled "Query 1" is active. Below it is a toolbar with various icons for file operations, execution, and navigation. The SQL query editor contains the following text:

```
1 • SELECT * FROM user_role ORDER BY user_role_id;
```

Below the query editor is a "Result Grid" section. It includes a "Filter Rows:" input field and a table of results. The table has two columns: "user_role_id" and "user_role_type". The data rows are:

user_role_id	user_role_type
1	ADMIN
2	MEMBER
3	VIEW
NULL	NULL

Below the result grid is an "Output" section. It has a dropdown menu set to "Action Output". The output table shows the execution details:

#	Time	Action	Message
✓ 1	16:24:32	SELECT * FROM user_role ORDER BY user_role_id LIMIT 0, 1000	3 row(s) returned

WEB_USER: all rows, all columns, sorted by web_user_id

Query 1 x

Limit to 1000 rows

1 • SELECT * FROM web_user ORDER BY web_user_id;

Result Grid

	web_user_id	user_email	user_password	image	birthday	membership_fee	user_role_id
	1	bob@gmail.com	123456	NULL	2020-01-01	1.00	2
	2	alice@yahoo.com	pass	NULL	1900-01-10	99.00	1
	3	calcifer@aol.com	word	NULL	NULL	0.00	3
	4	rachel@gmail.com	NULL	NULL	NULL	NULL	2
	5	richard@temple.edu	pw	NULL	1950-12-12	0.00	2
	NULL	NULL	NULL	NULL	NULL	NULL	NULL

web_user 3 x

Output

Action Output

#	Time	Action	Message
✓ 1	16:23:28	SELECT * FROM web_user ORDER BY web_user_id LIMIT 0, 1000	5 row(s) returned

WEB USER JOINED WITH USER ROLE: all rows, certain columns, sorted

Query 1 x

Limit to 1000 rows

```
1 SELECT user_role_type, user_email FROM user_role, web_user
2 WHERE web_user.user_role_id = user_role.user_role_id ORDER BY user_role.user_role_id, user_email;
```

Result Grid

	user_role_type	user_email
	ADMIN	alice@yahoo.com
	MEMBER	bob@gmail.com
	MEMBER	rachel@gmail.com
	MEMBER	richard@temple.edu
	VIEW	caldifer@aol.com

Result 5 x Read Only

Output

Action Output

#	Time	Action	Message
✓ 1	16:28:25	SELECT user_role_type, user_email FROM user_role, web_user WHERE web_user....	5 row(s) returned

“OTHER”: all rows, all columns, sorted by id

SQL File 3* task

1 • `SELECT * FROM task ORDER BY task_id;`

Limit to 1000 rows

Result Grid

task_id	task_title	due_date	task_desc	image	task_weight	web_user_id
1	Walk Fido	2021-01-01	Fido needs his walkies	NULL	8	1
2	Calc HW	2020-09-20	NULL	NULL	NULL	2
3	Take out the Trash	NULL	NULL	pics/icons 128/house 128.png	2	3
4	Make Dinner	NULL	NULL	pics/icons 128/food 128.png	NULL	3
5	Clean the Gutters	NULL	NULL	pics/icons 128/wrench 128.png	NULL	3
6	Web Application HW	2020-09-17	Complete LA04 Disolav Data	pics/icons 128/task 128.png	10	5
7	Write a letter to Mother	NULL	NULL	pics/icons 128/mail 128.png	NULL	5
8	Read Pride and Prejudice	NULL	NULL	NULL	NULL	1
9	Phvs HW	2020-09-18	NULL	pics/icons 128/cal 128.png	NULL	2
10	Calc Ouiz	2020-09-21	NULL	NULL	NULL	2
NULL	NULL	NULL	NULL	NULL	NULL	NULL

task 3

Output

Action Output

#	Time	Action	Message
1	10:02:51	SELECT * FROM task ORDER BY task_id LIMIT 0, 1000	10 row(s) returned

“OTHER” JOINED WITH WEB_USER: all rows, certain columns, sorted

SQL File 3* task

1 • `SELECT task_title, user_email FROM task, web_user WHERE task.web_user_id = web_user.web_user_id ORDER BY task_title, user_email`

Limit to 1000 rows

Result Grid

task_title	user_email
Calc HW	alice@vahoo.com
Calc Ouiz	alice@vahoo.com
Clean the Gutters	calcifer@aol.com
Make Dinner	calcifer@aol.com
Phvs HW	alice@vahoo.com
Read Pride and Prejudice	bob@gmail.com
Take out the Trash	calcifer@aol.com
Walk Fido	bob@gmail.com
Web Application HW	richard@temple.edu
Write a letter to Mother	richard@temple.edu

Result 5

Output

Action Output

#	Time	Action	Message
1	16:43:36	SELECT task_title, user_email FROM task, web_user WHERE task.web_user_id = web_...	10 row(s) returned

"OTHER JOINED WITH WEB_USER: Some rows, certain columns, sorted

The screenshot shows a SQL IDE interface. At the top, a tab labeled "SQL File 3" is open, containing a query. The query is as follows:

```
1 SELECT task_title, user_email, task_weight FROM task, web_user
2 WHERE task.web_user_id = web_user.web_user_id AND task_weight > 5
3 ORDER BY task_title, user_email;
```

Below the query editor, the "Result Grid" is displayed, showing the results of the query. The grid has three columns: "task_title", "user_email", and "task_weight". The results are as follows:

task_title	user_email	task_weight
Walk Fido	bob@gmail.com	8
Web Application HW	richard@temple.edu	10

At the bottom of the IDE, the "Output" pane is visible, showing the execution of the query. The output is as follows:

#	Time	Action	Message
1	10:03:57	SELECT task_title, user_email, task_weight FROM task, web_user WHERE task.web_u...	2 row(s) returned