



Case Study

Daily Expense
Tracker System (Web
Based Application
Program)

Register / Add New User

Daily Expense Tracker

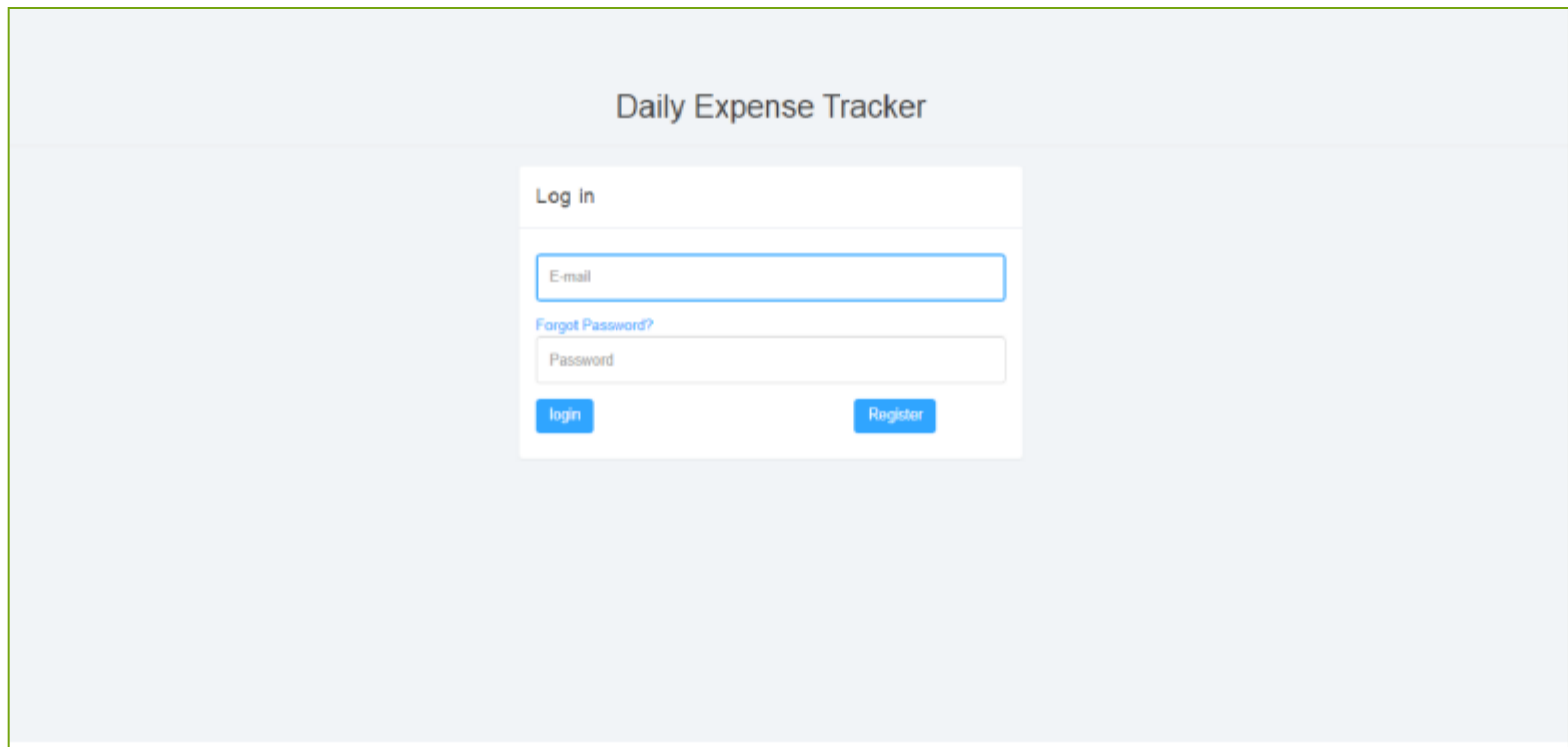
Sign Up

User Registration Table Query

```
1 • create database DETS;
2 • use DETS;
3 • create table Sign_Up
4 • (
5   Username varchar(30) not null, Email varchar(30) not null unique, Mobile bigint not null unique, Pass varchar(30)
6   );
7 • insert into Sign_Up values('Shreyu', 'shreyashinde1501@gmail.com', 9309535836, 'Shreyu@123'),
8   ('Prem', 'premtilekar2003@gmail.com', 9172583022, 'Prem@123'),
9   ('Gauri', 'gauri1542@gmail.com', 9626322315, 'Gauri@123'),
10  ('Test', 'test@gmail.com', 8787878787, 'Test@123');
11 • select * from Sign_Up;
```

	Username	Email	Mobile	Pass
▶	Gauri	gauri1542@gmail.com	9626322315	Gauri@123
	Prem	premtilekar2003@gmail.com	9172583022	Prem@123
	Shreyu	shreyashinde1501@gmail.com	9309535836	Shreyu@123
	Test	test@gmail.com	8787878787	Test@123
⊙	NULL	NULL	NULL	NULL

Login for the Registered Users



The image shows a web application interface for a "Daily Expense Tracker". At the top, there is a light blue header bar with the title "Daily Expense Tracker" in a dark grey font. Below the header, the main content area has a light grey background. In the center of this area is a white rectangular box containing the login form. The form is titled "Log in" in a bold, dark grey font. It features two input fields: the first is labeled "E-mail" and the second is labeled "Password". A blue link labeled "Forgot Password?" is positioned between the two input fields. At the bottom of the form, there are two blue buttons: "login" on the left and "Register" on the right. The entire form is centered within the main content area.

Daily Expense Tracker

Log in

E-mail

[Forgot Password?](#)

Password

login Register

User Login Table Query

```
13 • create table Login
14 • (
15 •   Username varchar(30) not null, Pass varchar(30) not null
16 • );
17 • insert into Login values('Shreyu', 'Shreyu@123'), ('Prem', 'Prem@123'), ('Gauri', 'Gauri@123'),
18 •   ('Test', 'Test@123');
19 • select * from Login;
```

	Username	Pass
▶	Shreyu	Shreyu@123
	Prem	Prem@123
	Gauri	Gauri@123
	Test	Test@123

Add Daily Expenses

DAILY EXPENSE TRACKER

Test
ONLINE

Dashboard

Expenses

Expense Report

Profile

Change Password

Logout

Expense

Expense

Date of Expense

mm/dd/yyyy

Item

Cost of Item

Add

DAILY EXPENSE TRACKER © 2019

Add Daily Expense Table Query

```
21 • create table Expenses
22 • (
23 •   Expense_Date date not null, Item varchar(30) not null, Cost bigint not null
24 • );
25 • insert into Expenses values('2024-06-08', 'Cadbury', 20), ('2024-06-08', 'Breakfast', 100), ('2024-06-08', 'Water', 20),
26 •   ('2024-06-01', 'Camp Burger', 150), ('2024-06-01', 'French Fries', 90);
27 • select * from Expenses;
```

	Expense_Date	Item	Cost
▶	2024-06-08	Cadbury	20
	2024-06-08	Breakfast	100
	2024-06-08	Water	20
	2024-06-01	Camp Burger	150
	2024-06-01	French Fries	90

See / Update Profile Page

DAILY EXPENSE TRACKER

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Profile

Profile

Full Name

Test

Email

test@gmail.com

Mobile Number

5656556565

Registration Date

2019-05-17 11:04:16

Update

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Profile Page Table Query

```
29 • create table Profile_Page
30 (
31   Full_Name varchar(30) not null, Email varchar(30) not null unique, Mobile bigint not null, Reg_Date date not null
32 );
33 • insert into Profile_Page values('Shreya Shinde', 'shreyashinde1501@gmail.com', 9309535836, '2024-06-10'),
34   ('Prem Tilekar', 'premtilekar2003@gmail.com', 9172583022, '2024-06-10'),
35   ('Gauri Pathak', 'gauri1542@gmail.com', 9626322315, '2023-06-10'),
36   ('Test Bot', 'test@gmail.com', 8787878787, '2022-06-10');
37 • select * from Profile_Page;
```

	Full_Name	Email	Mobile	Reg_Date
▶	Gauri Pathak	gauri1542@gmail.com	9626322315	2023-06-10
	Prem Tilekar	premtilekar2003@gmail.com	9172583022	2024-06-10
	Shreya Shinde	shreyashinde1501@gmail.com	9309535836	2024-06-10
	Test Bot	test@gmail.com	8787878787	2022-06-10
✱	NULL	NULL	NULL	NULL

Forgot Password Page

Daily Expense Tracker

Forgot Password

E-mail

Mobile Number

Reset

Login

Forgot Password Table Query

```
39 • create table Forgot_Pass
40 • (
41   Email varchar(30) not null unique, Mobile bigint not null
42 • );
43 • insert into Forgot_Pass values('shreyashinde1501@gmail.com', 9309535836), ('premtilekar2003@gmail.com', 9172583022),
44   ('gauri1542@gmail.com', 9626322315), ('test@gmail.com', 8787878787);
45 • select * from Profile_Page;
```

	Full_Name	Email	Mobile	Reg_Date
▶	Gauri Pathak	gauri1542@gmail.com	9626322315	2023-06-10
	Prem Tilekar	premtilekar2003@gmail.com	9172583022	2024-06-10
	Shreya Shinde	shreyashinde1501@gmail.com	9309535836	2024-06-10
	Test Bot	test@gmail.com	8787878787	2022-06-10
✱	NULL	NULL	NULL	NULL




Queries

Daily Expense
Tracker System (Web
Based Application
Program)

27 • `select * from Expenses;`

28

<

Result Grid |  Filter Rows: | E

	Expense_Date	Item	Cost
▶	2024-06-08	Cadbury	20
	2024-06-08	Breakfast	100
	2024-06-08	Water	20
	2024-06-01	Camp Burger	150
	2024-06-01	French Fries	90

DAILY EXPENSE TRACKER

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Expenses +

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Expense

Expense

S.NO	Expense Item	Expense Cost	Expense Date	Action
1	Bed Sheets	1025	2019-05-16	Delete
2	Milk	150	2019-09-09	Delete
3	Bed Sheets	5000	2019-09-09	Delete

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28 • `select * from Expenses where Expense_Date between '2024-06-01' and '2024-06-30';`

29

Result Grid |  Filter Rows: | Export:  | Wrap Cell Content: 

	Expense_Date	Item	Cost
▶	2024-06-08	Cadbury	20
	2024-06-08	Breakfast	100
	2024-06-08	Water	20
	2024-06-01	Camp Burger	150
	2024-06-01	French Fries	90

DAILY EXPENSE TRACKER

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Monthwise Expense Report

Monthwise Expense Report

Monthwise Expense Report from 2019-05-01 to 2019-09-09

S.NO	Month-Year	Expense Amount
1	5-2019	1025
2	9-2019	5150
Grand Total		6175

DAILY EXPENSE TRACKER © 2019

29 • `select * from Expenses where Expense_Date between '2024-06-01' and '2025-06-01';`

30

<

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

	Expense_Date	Item	Cost
▶	2024-06-08	Cadbury	20
	2024-06-08	Breakfast	100
	2024-06-08	Water	20
	2024-06-01	Camp Burger	150
	2024-06-01	French Fries	90

DAILY EXPENSE TRACKER

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Yearwise Expense Report

Yearwise Expense Report

Yearwise Expense Report from 2018-02-01 to 2019-09-09

S.NO	Year	Expense Amount
1	2018	5000
2	2019	1175
Grand Total		6175

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