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Emp No :11994

Topic: Petition management system

Case Study 14: Petition Management System:

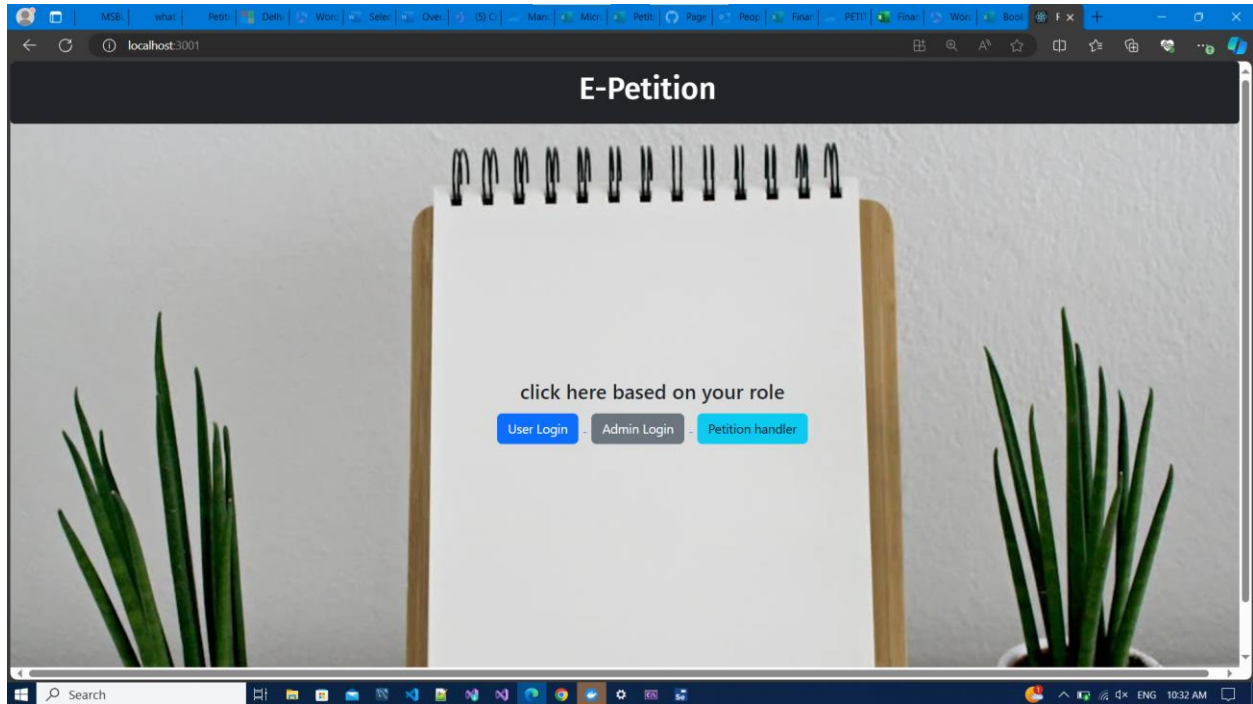
The Petition Management System is to streamline the petitions process. The software dramatically reduces

processing time by digitally imaging petitions as well as automatically 'marking' the page with a time stamp

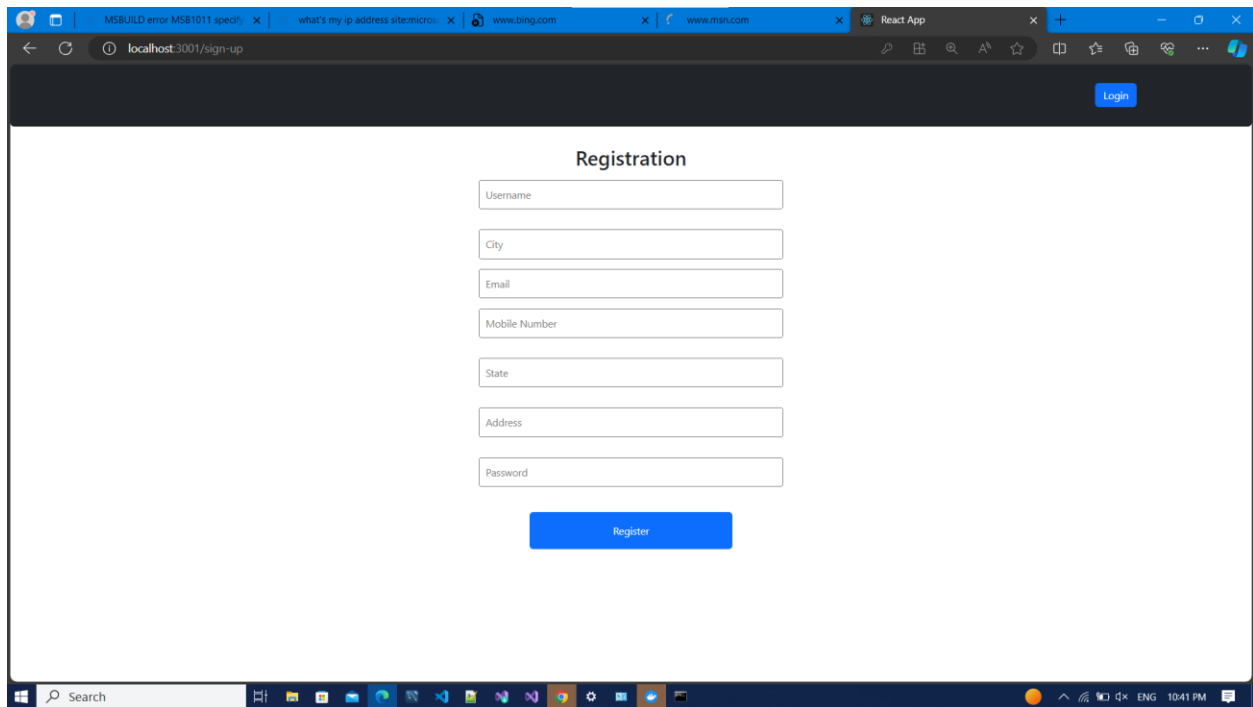
or sequence number. Most importantly, the system improves transparency through technology making

public documents available quickly

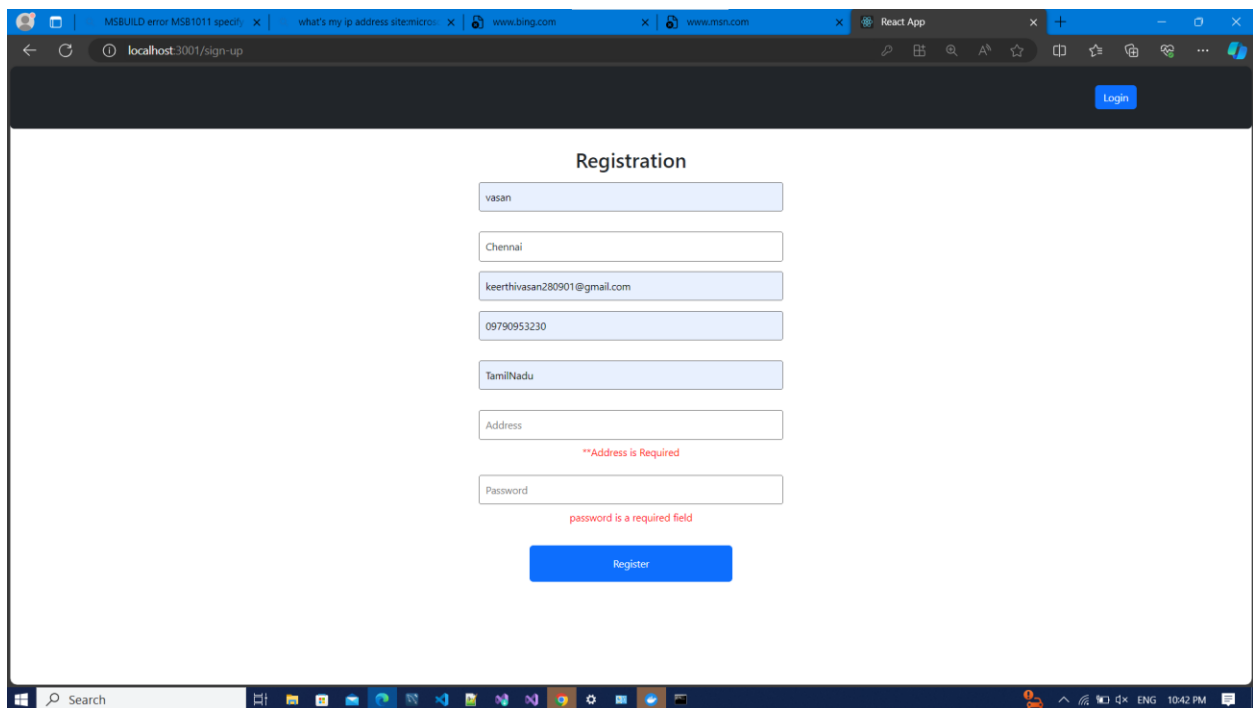
1. Role selection page



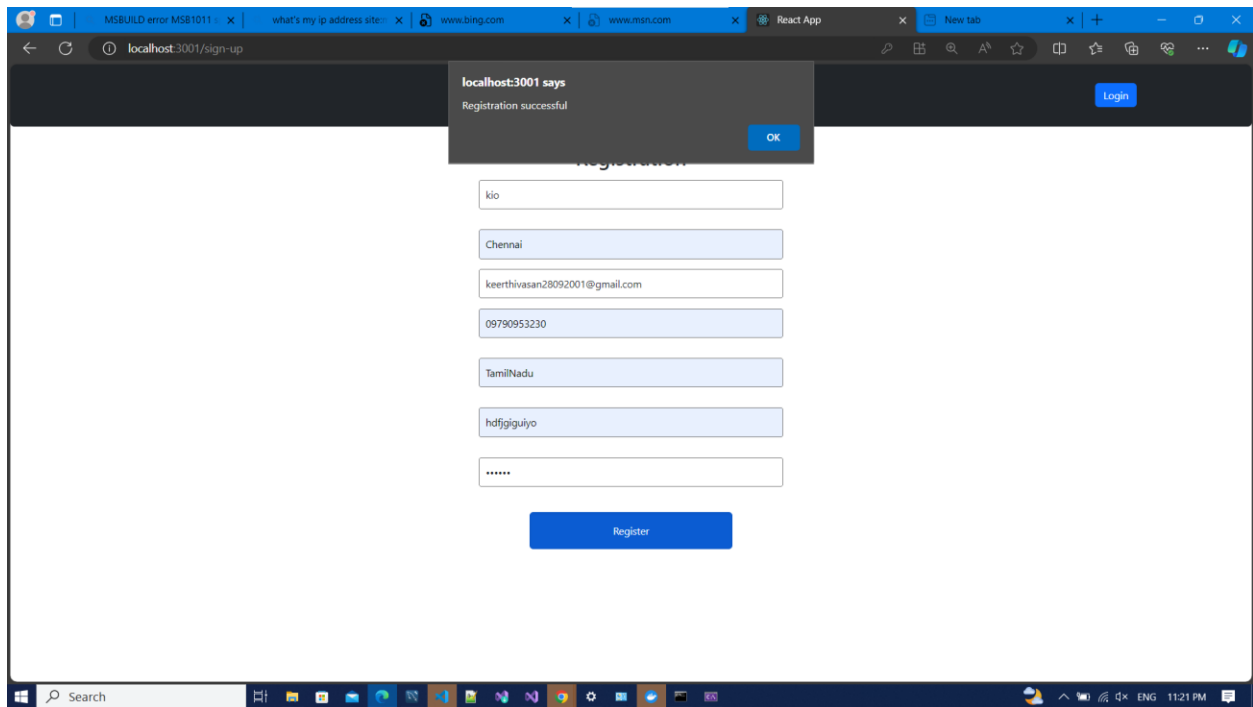
2.Registration page for the users



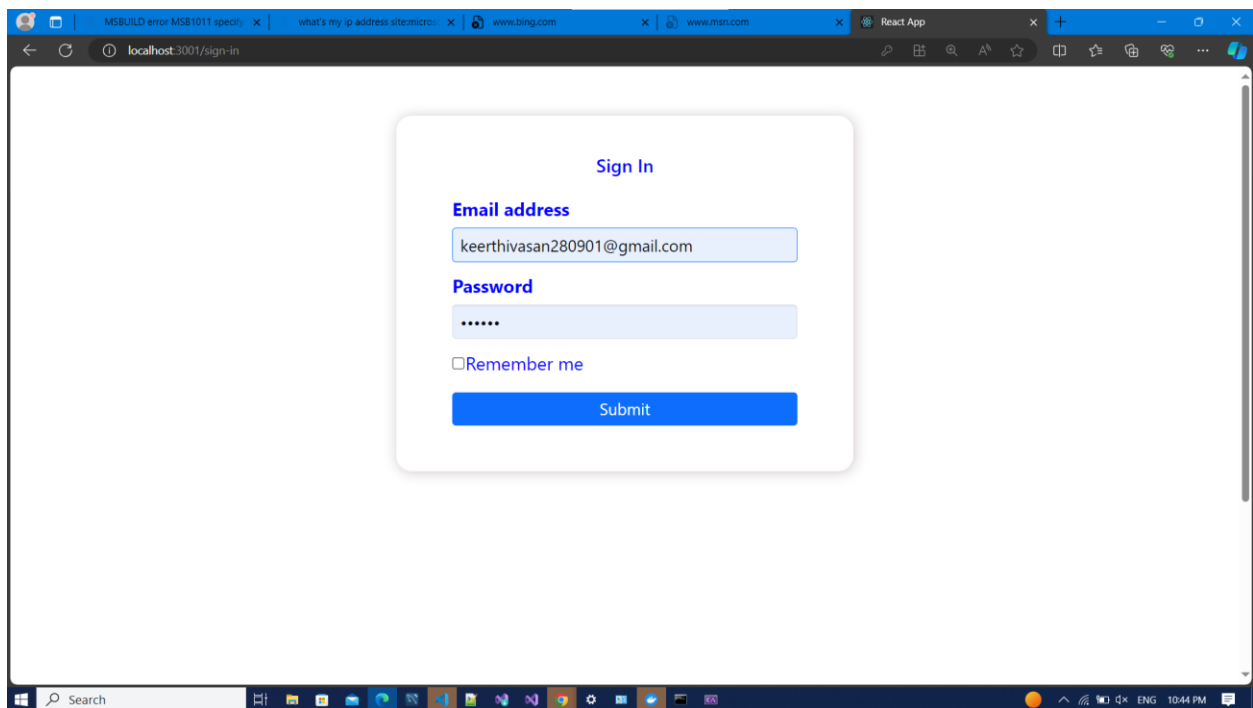
3 . Validations for mobile number and email are done in registration page



4. Registration successful message



5.Login page (with valid email id and password)



6. USER MODULE [User's dashboard]




7. user action 1- Apply petition

A screenshot of a web browser window displaying a petition form. The browser's address bar shows 'localhost:3001/Postpetition'. The form is centered on the page and contains the following fields and controls:

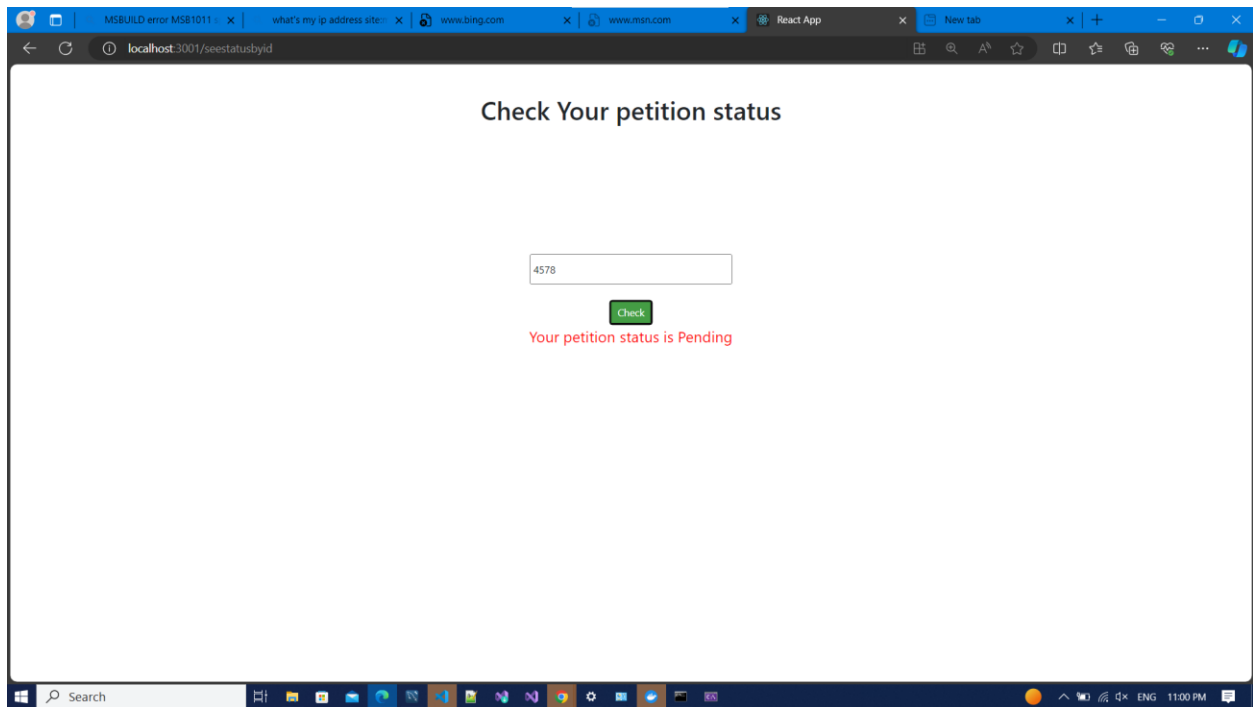
- AadharNumber:** A text input field.
- PetitionDescription:** A large text area for description.
- TalukLocation:** A text input field.
- Category:** A dropdown menu with the text 'Select a category'.
- UploadDocument:** A file upload control showing 'Choose File' and 'No file chosen'.
- UploadDocumentname:** A text input field.
- Submit:** A blue button at the bottom of the form.

8. User action 2 – Delete petition

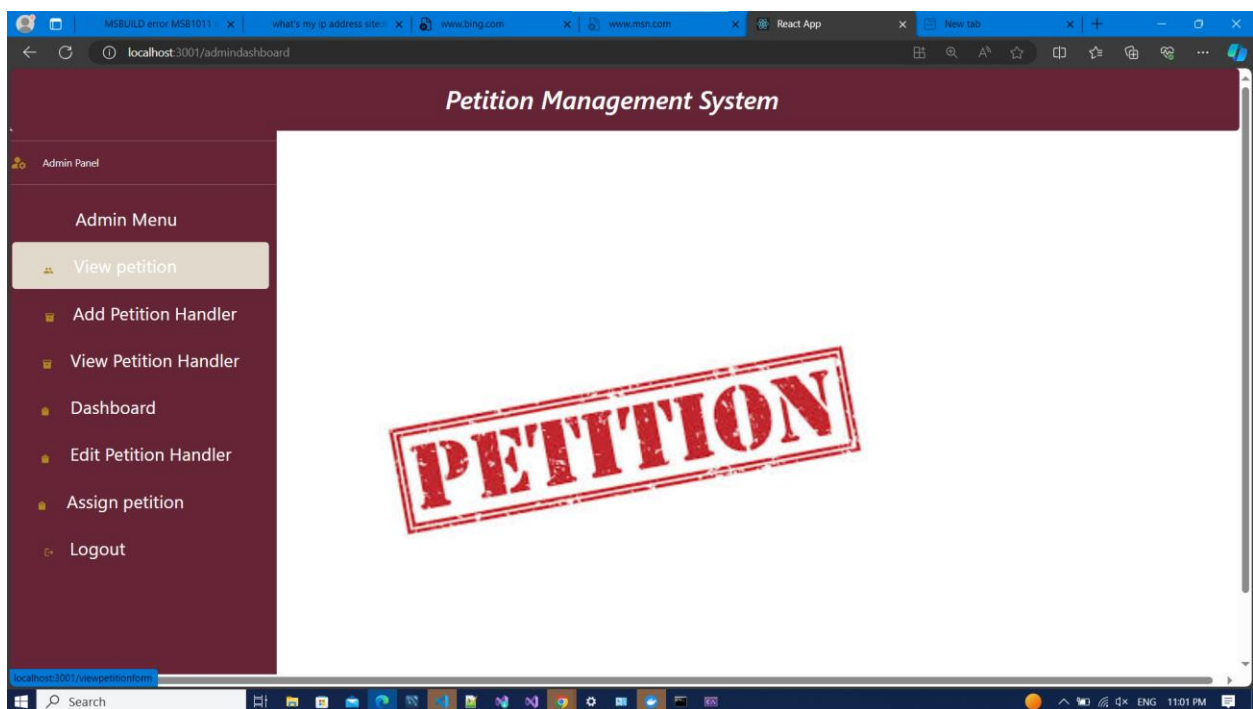
A screenshot of a web browser window displaying a 'Delete Petition' page. The browser's address bar shows 'localhost:3001/userpetitionform'. The page has a title 'Delete Petition' and a table with the following data:

Date	PetitionId	Petition Status	Aadhar number	Image	Taluk	Description	Action
03/27/2024 00:00:00	3146	resolved	909090909090		hola	manooo	Delete Petition

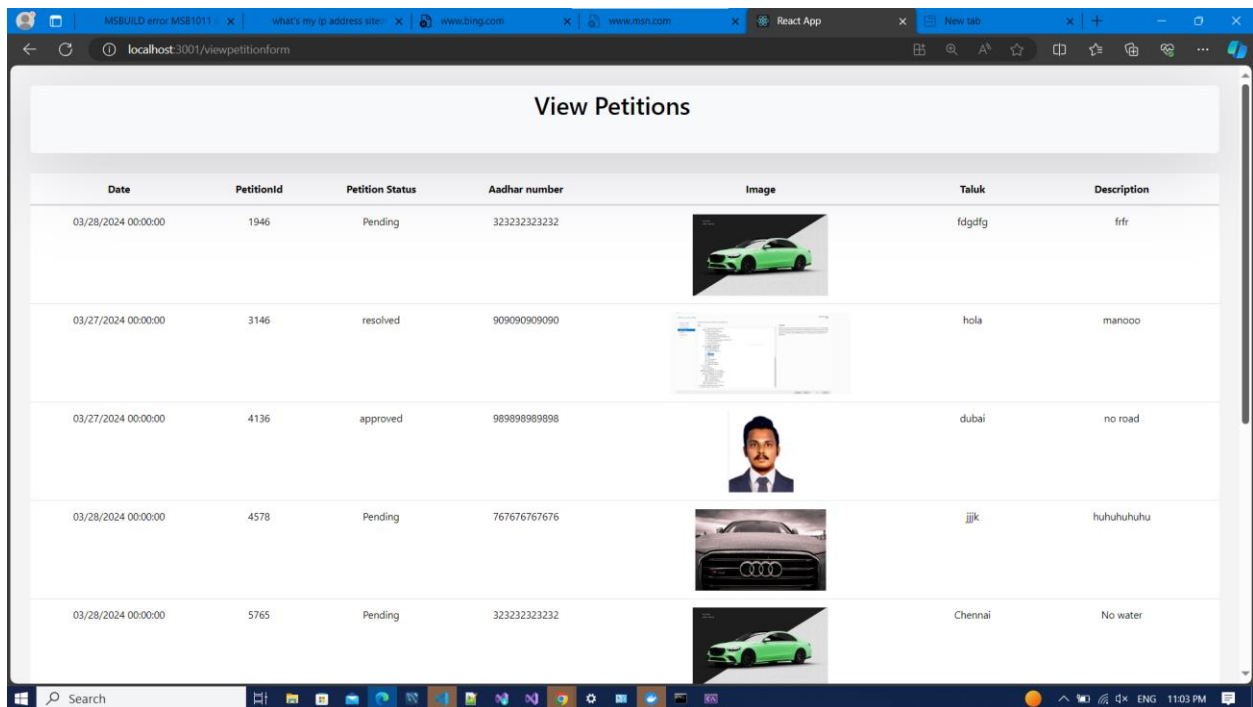
9. User action 3 – Check the petition status








10. ADMIN MODULE [admin's dashboard]

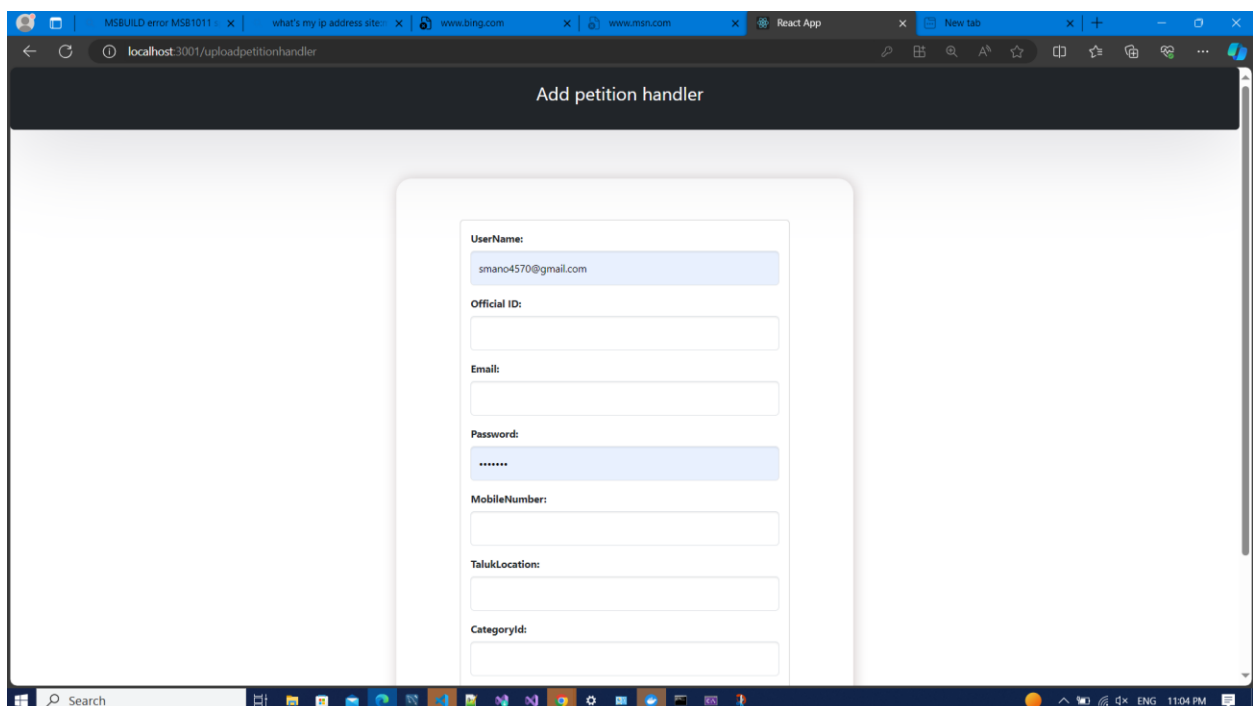


11. Admin action 1 - view petitions



Date	PetitionId	Petition Status	Aadhar number	Image	Taluk	Description
03/28/2024 00:00:00	1946	Pending	323232323232		fdgdfg	ftr
03/27/2024 00:00:00	3146	resolved	909090909090		hola	manoo
03/27/2024 00:00:00	4136	approved	989898989898		dubai	no road
03/28/2024 00:00:00	4578	Pending	767676767676		jik	huhuhuhu
03/28/2024 00:00:00	5765	Pending	323232323232		Chennai	No water

12. Admin action-2 Add petition handler



Add petition handler

UserName:
smano4570@gmail.com

Official ID:

Email:

Password:

MobileNumber:

TalukLocation:

CategoryId:

13. Validations for adding petition handler

smanco4570@gmail.com

Official ID:

Official ID should not exceed 12 digits

Email:

Email address is invalid

Password:

MobileNumber:

Mobile number should be 10 digits

TalukLocation:

madurai

CategoryId:

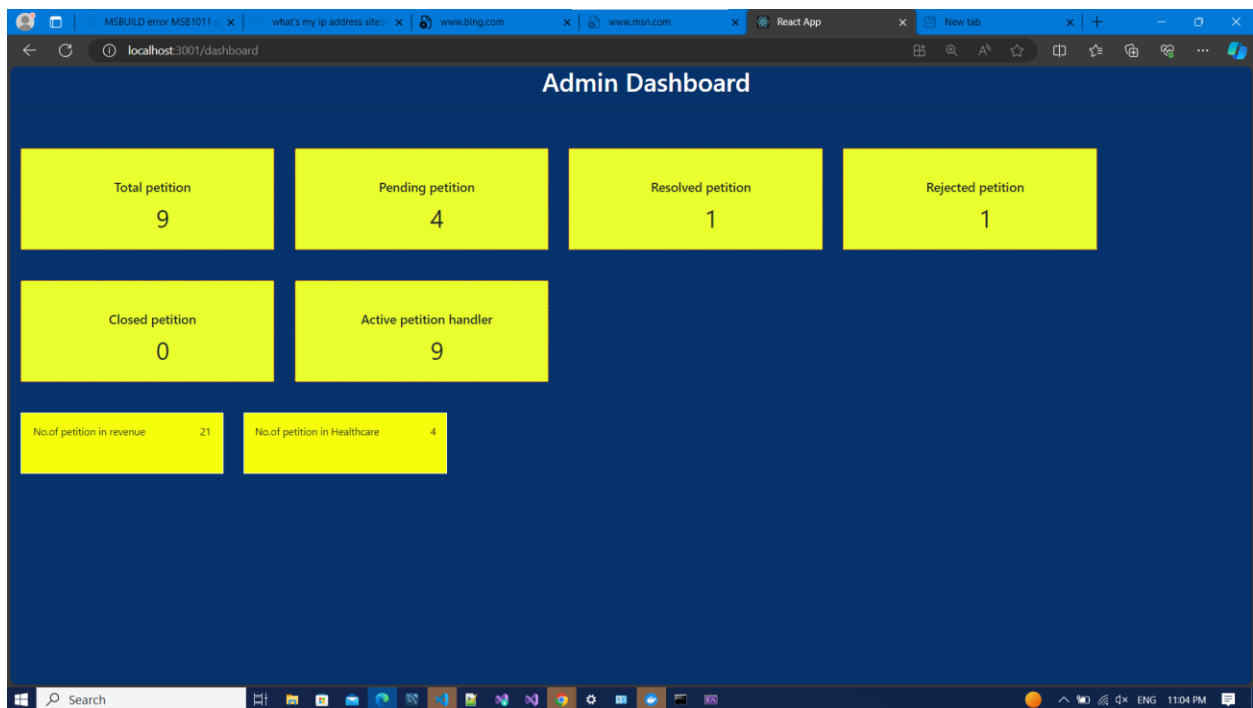
1

AdminId:

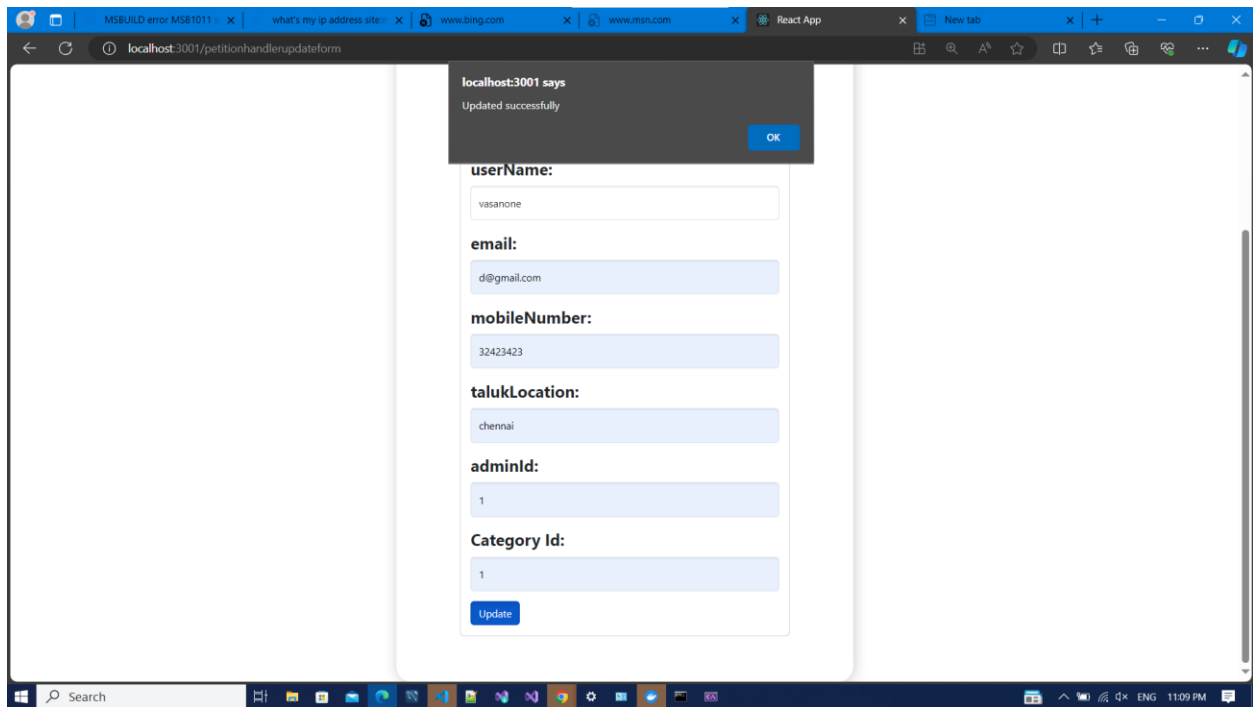
1

Submit

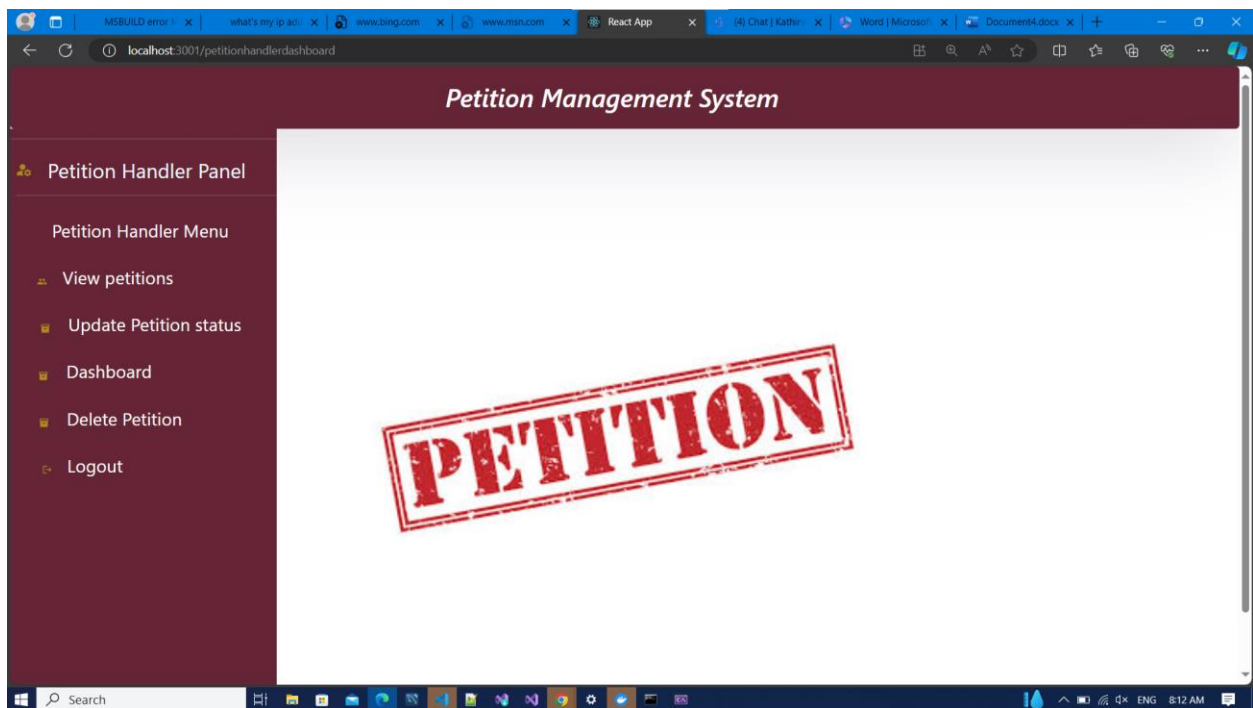
14. Petition Status and Department status



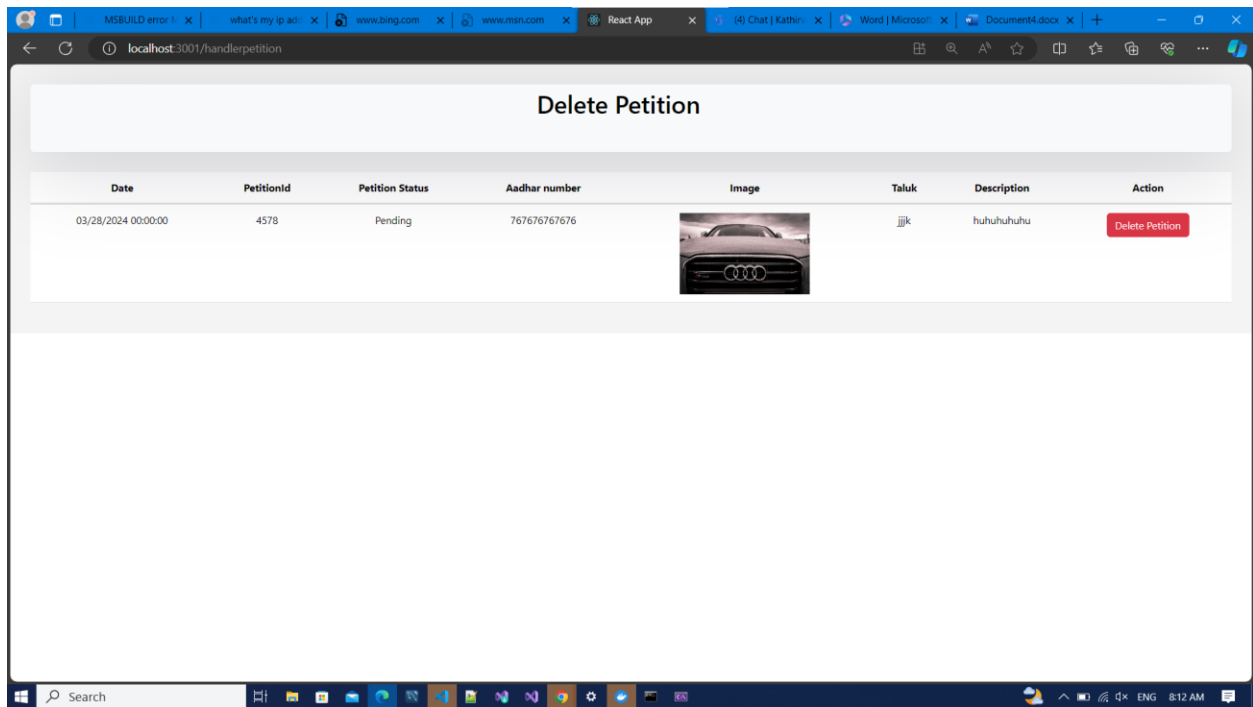
15. Updating petition handler



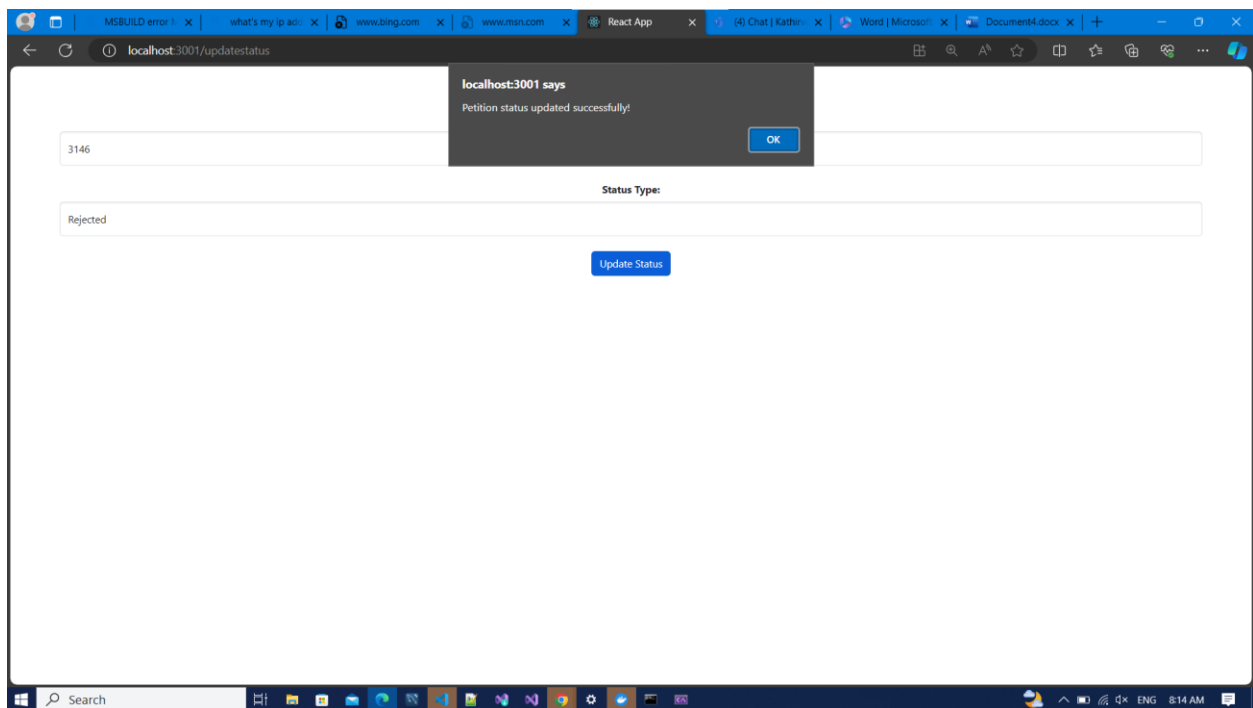
MODULE –3 Petition handler’s dashboard



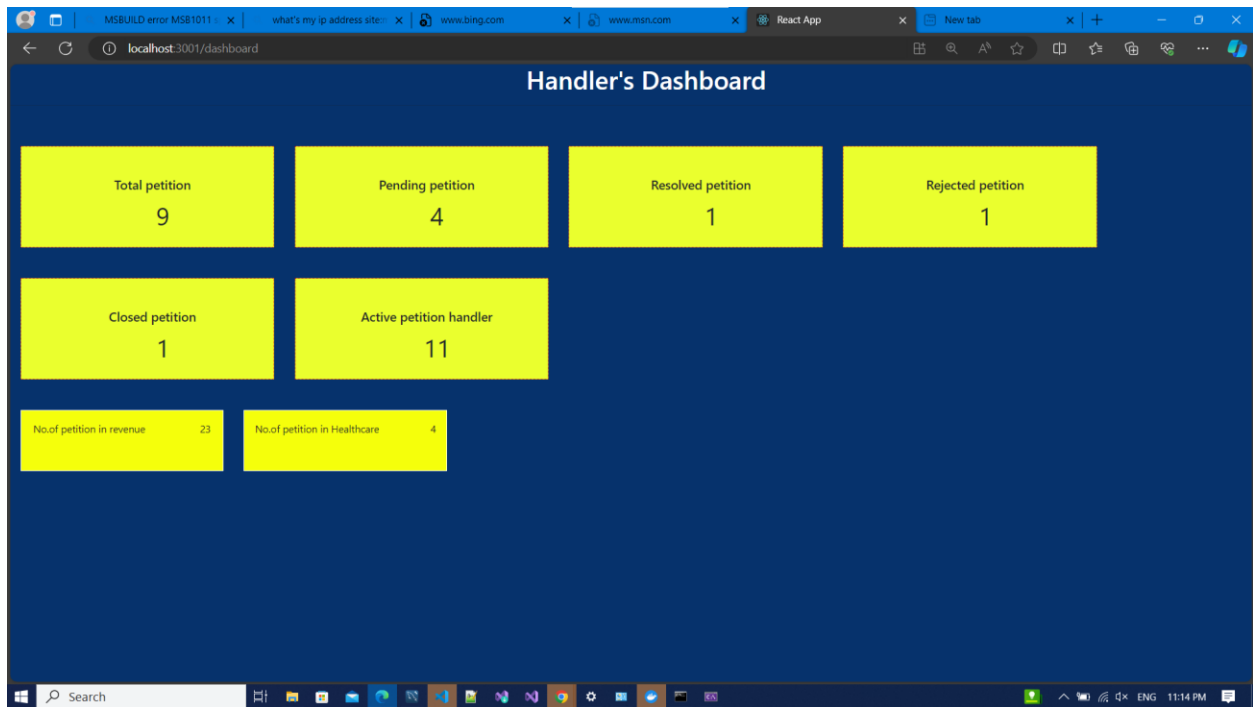
16. Delete the petitions:



17. Change the status of the petition




18: Petition handler's dashboard



19. Petitions are deleted successfully

The screenshot shows a web browser window with the address bar displaying 'localhost:3001/Handlerviewpetition'. A modal dialog box is open, displaying the message 'localhost:3001 says Petition deleted successfully' with an 'OK' button. Below the dialog, a table displays a list of petitions. The table has the following columns: Date, PetitionId, Petition Status, Aadhar number, Image, Taluk, Description, and Action. The first row of data shows a petition with the following details:

Date	PetitionId	Petition Status	Aadhar number	Image	Taluk	Description	Action
03/28/2024 00:00:00	4578	Pending	767676767676		jjk	huhuhuhu	Delete Petition

The browser's taskbar at the bottom shows various application icons and the system clock indicating 8:16 AM.

Database Images:

The screenshot displays the MySQL Workbench interface. The left sidebar shows the 'SCHEMAS' tab with a tree view of databases including 'petitionhandlers', 'user', and 'petition'. The 'petition' database is selected, and its schema is shown in the 'Table: petition' section. The schema includes columns: PetitionId (int, AI, PK), PetitionDescription (longtext), UploadDocumentName (longtext), AadharNumber (bigint), Address (longtext), TalukLocation (longtext), CategoryId (int), UserId (int), StatusType (int), and Date (longtext).

The main window shows a query editor with the following SQL statement:

```
SELECT * FROM petitionmanagementsystem1.petition;
```

The query results are displayed in a table with the following columns: PetitionId, PetitionDescription, UploadDocumentName, AadharNumber, TalukLocation, Address, CategoryId, UserId, StatusType, and Date. The results show 11 rows of data.

PetitionId	PetitionDescription	UploadDocumentName	AadharNumber	TalukLocation	Address	CategoryId	UserId	StatusType	Date
1946	#f	3a3a753d-a328-4414-b38b-86c02694ef36_c3.jpg	323232323232	fgdfg	1	111	Pending	03/28/2024 00:00:00	
2146	manoo	4b410f7-f384-4dfe-8c28-4760d7bca606_post...	909090909090	hola	4	110	resolved	03/27/2024 00:00:00	
4136	no road	c6fb30b6-6c7f-4f56-b349-f179f007e51_Pra.jpg	989898989898	duba	2	108	Closed	03/27/2024 00:00:00	
4578	huhuhuhu	dd1642d5-4e5f-4a0d-bc65-f7e1dfe9668_AU.jpg	767676767676	gjk	1	111	Pending	03/28/2024 00:00:00	
5765	No water	0833a417-7db0-42cc-aa5a-b72a66f7988_c3.jpg	323232323232	Chennai	1	111	Pending	03/28/2024 00:00:00	
6449	gfpgfpgfghsf	c49b9733-61d9-41ef-9bf4-e48a573852aa_E.jpg	656565656565	yfgdfgdsf	4	107	approved	03/27/2024 00:00:00	
8177	no road in our area	14cb432d-actf-41ef-8b0a-ab9b914a33c_C2.jpg	454545454545	madura	1	112	rejected	03/28/2024 00:00:00	

The bottom section of the interface shows the 'Output' tab with the 'Action Output' view. It displays a list of actions performed, including SELECT statements and their execution times and durations.

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

Tables

- __emigrationshistory
- admin
- category
- petitionpetitionhandlers
- petition
- petitionhandlers
- user

Views

Stored Procedures

Functions

Administration Schemas

Information

Table: petition

Columns:

- PetitionId int AI PK
- PetitionDescription longtext
- UploadDocumentName longtext
- AsadharNumber bigint
- TakkiLocation longtext
- Address longtext
- CategoryId int
- UserId int
- StatusType longtext
- Date longtext

1. SELECT * FROM petitionmanagementsystem1.petitionhandlers;

Result Grid

	PetitionHandlerId	OfficialId	Username	Email	Password	MobileNumber	TakkiLocation	Status	CategoryId	AdminId
1	3434	fdfdf	nva@gmail.com	nva	14434	fdfdf	0	1	1	
5	3434	qfdqfdq	sgfdqfdq		43534534	sgfdqfdq	0	1	1	
6	3434	qfdqfdq	sgfdqfdq		43534534	sgfdqfdq	0	1	1	
8	4535	dfqg	erqeg		445345	erqeg	0	1	1	
9	3434	high	wewr		322453453	wewr	0	1	1	
10	3434	high	wewr		322453453	wewr	0	1	1	
11	3434	high	wewr		322453453	wewr	0	1	1	
56	4242	ninja	visha		7878	322453453	1	1	1	
76	4343	jojo	jo@gmail.com	throne	8909890989	dfdfsfdf	1	1	1	

Output

Action Output

#	Time	Action	Message	Duration / Fetch
2	22:55:42	SELECT * FROM petitionmanagementsystem1.user LIMIT 0, 1000	21 row(s) returned	0.015 sec / 0.000 sec
3	22:56:17	SELECT * FROM petitionmanagementsystem1.petition LIMIT 0, 1000	9 row(s) returned	0.000 sec / 0.000 sec
4	22:57:06	SELECT * FROM petitionmanagementsystem1.user LIMIT 0, 1000	21 row(s) returned	0.000 sec / 0.000 sec
5	23:00:14	SELECT * FROM petitionmanagementsystem1.petition LIMIT 0, 1000	9 row(s) returned	0.000 sec / 0.000 sec
6	23:06:57	SELECT * FROM petitionmanagementsystem1.petitionpetitionhandlers LIMIT 0, 1000	6 row(s) returned	0.000 sec / 0.000 sec
7	23:06:59	SELECT * FROM petitionmanagementsystem1.petitionhandlers LIMIT 0, 1000	25 row(s) returned	0.000 sec / 0.000 sec
8	23:11:57	SELECT * FROM petitionmanagementsystem1.petition LIMIT 0, 1000	9 row(s) returned	0.000 sec / 0.000 sec
9	23:15:27	SELECT * FROM petitionmanagementsystem1.petitionhandlers LIMIT 0, 1000	27 row(s) returned	0.000 sec / 0.000 sec
10	23:16:50	SELECT * FROM petitionmanagementsystem1.petitionhandlers LIMIT 0, 1000	27 row(s) returned	0.000 sec / 0.000 sec
11	23:17:00	SELECT * FROM petitionmanagementsystem1.petition LIMIT 0, 1000	9 row(s) returned	0.000 sec / 0.000 sec
12	23:22:56	SELECT * FROM petitionmanagementsystem1.petitionhandlers LIMIT 0, 1000	27 row(s) returned	0.000 sec / 0.000 sec

MySQL Workbench

Local instance MySQL80

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Navigator

SCHEMAS

Filter objects

Tables

- __emigrationshistory
- admin
- category
- petitionpetitionhandlers
- petition
- petitionhandlers
- user

Views

Stored Procedures

Functions

Administration Schemas

Information

Table: petition

Columns:

- PetitionId int AI PK
- PetitionDescription longtext
- UploadDocumentName longtext
- AsadharNumber bigint
- TakkiLocation longtext
- Address longtext
- CategoryId int
- UserId int
- StatusType longtext
- Date longtext

1. SELECT * FROM petitionmanagementsystem1.category;

Result Grid

	CategoryId	CategoryName	AdminId
1	Revenue	1	
2	Transport	1	
3	Education	1	
4	Healthcare	1	

Output

Action Output

#	Time	Action	Message	Duration / Fetch
5	23:08:14	SELECT * FROM petitionmanagementsystem1.petition LIMIT 0, 1000	9 row(s) returned	0.000 sec / 0.000 sec
6	23:06:57	SELECT * FROM petitionmanagementsystem1.petitionpetitionhandlers LIMIT 0, 1000	6 row(s) returned	0.000 sec / 0.000 sec
7	23:06:59	SELECT * FROM petitionmanagementsystem1.petitionhandlers LIMIT 0, 1000	25 row(s) returned	0.000 sec / 0.000 sec
8	23:11:57	SELECT * FROM petitionmanagementsystem1.petition LIMIT 0, 1000	9 row(s) returned	0.000 sec / 0.000 sec
9	23:15:27	SELECT * FROM petitionmanagementsystem1.petitionhandlers LIMIT 0, 1000	27 row(s) returned	0.000 sec / 0.000 sec
10	23:16:50	SELECT * FROM petitionmanagementsystem1.petitionhandlers LIMIT 0, 1000	27 row(s) returned	0.000 sec / 0.000 sec
11	23:17:00	SELECT * FROM petitionmanagementsystem1.petition LIMIT 0, 1000	9 row(s) returned	0.000 sec / 0.000 sec
12	23:22:56	SELECT * FROM petitionmanagementsystem1.petitionhandlers LIMIT 0, 1000	27 row(s) returned	0.000 sec / 0.000 sec
13	23:23:27	SELECT * FROM petitionmanagementsystem1.category LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec
14	23:23:37	SELECT * FROM petitionmanagementsystem1.admin LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
15	23:23:42	SELECT * FROM petitionmanagementsystem1.category LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec

