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Emp No :11994

Topic: Petition management system

Case Study 14: Petition Management System:

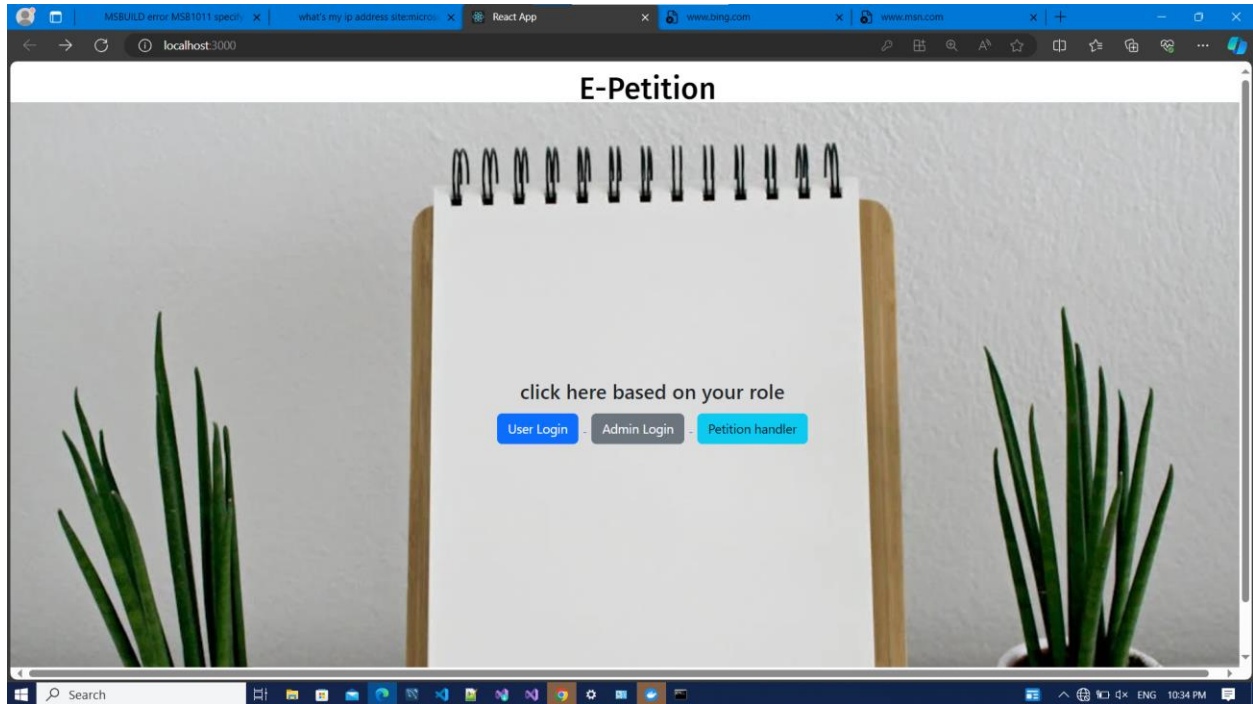
The Petition Management System is to streamline the petitions process. The software dramatically reduces

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

Registration

Username

City

Email

Mobile Number

State

Address

Password

Register

Login

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

Registration

vasan

Chennai

keerthivasan280901@gmail.com

09790953230

TamilNadu

Address

**Address is Required

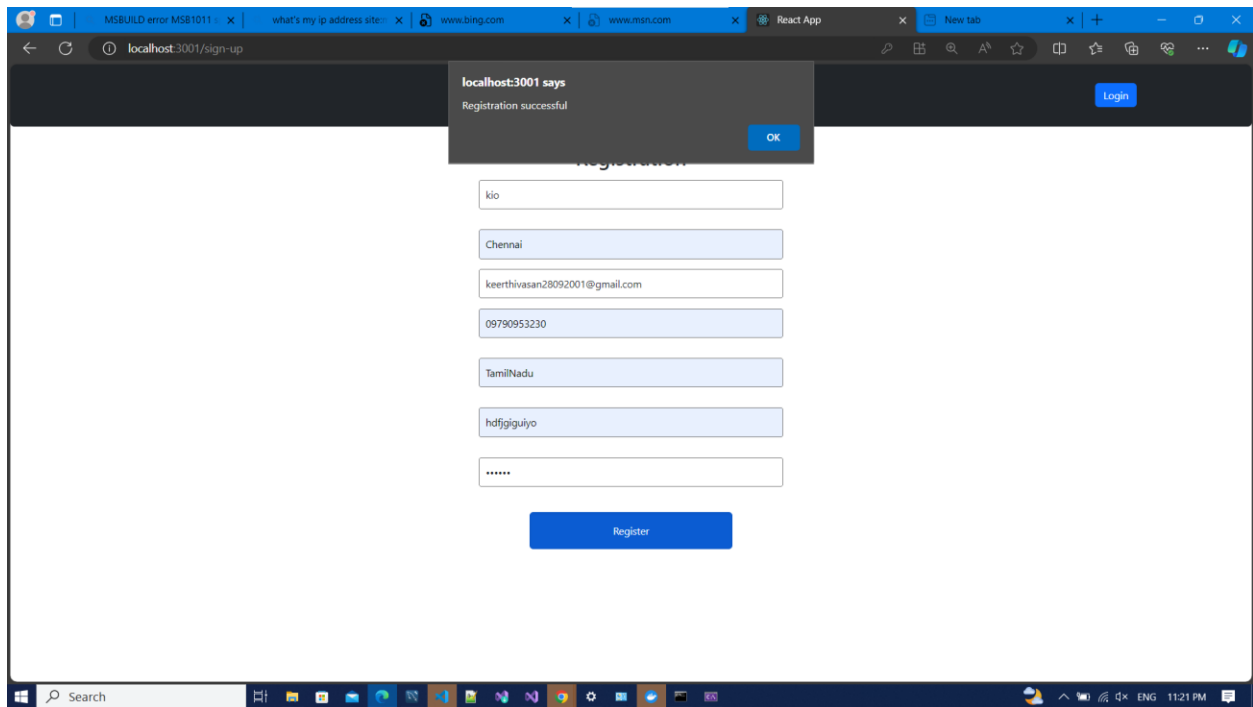
Password

password is a required field

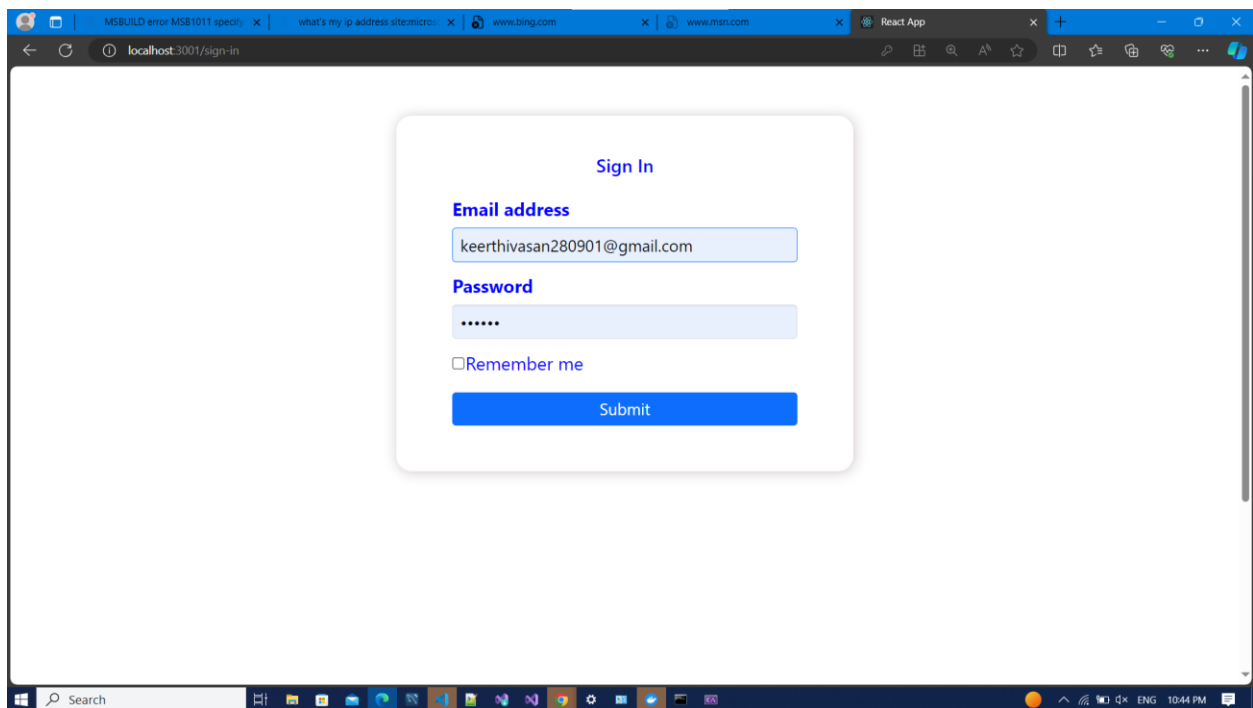
Register

Login

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:

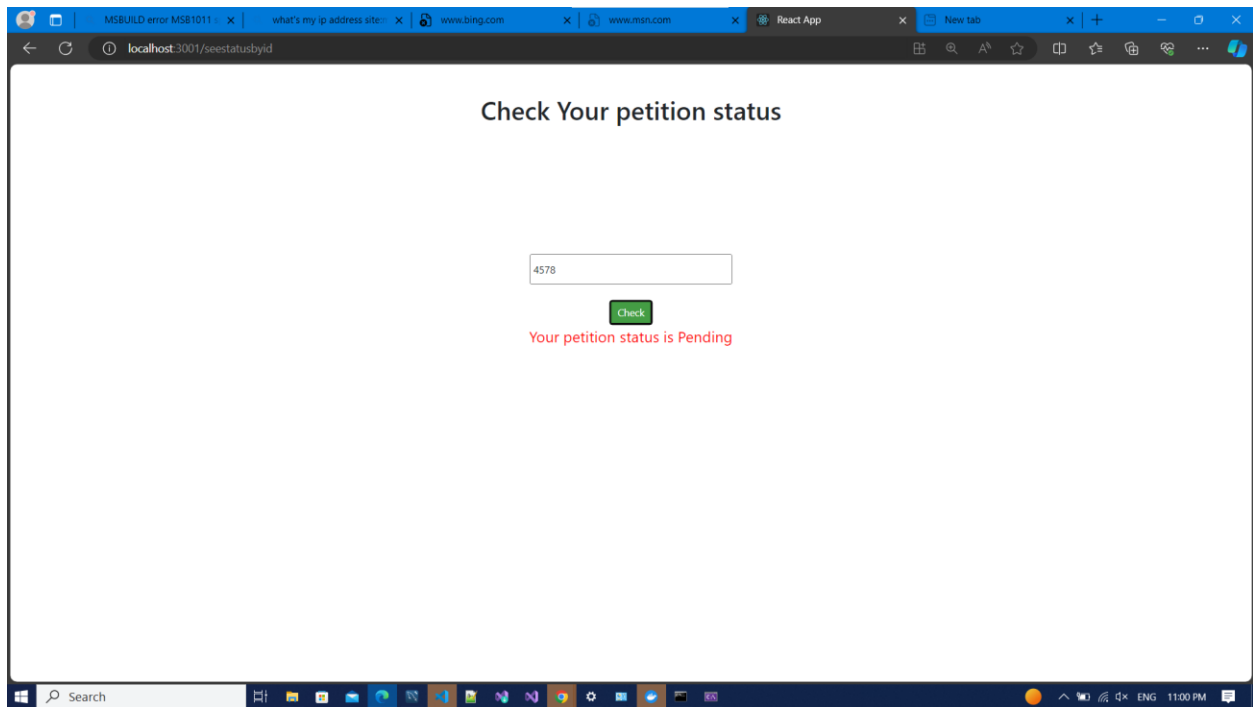
- AadharNumber:** A text input field.
- PetitionDescription:** A large text area for description.
- TalukLocation:** A text input field.
- Category:** A dropdown menu with the option 'Select a category'.
- UploadDocument:** A file upload button labeled 'Choose File' and a status 'No file chosen'.
- UploadDocumentname:**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

8. User action 2 – Delete petition

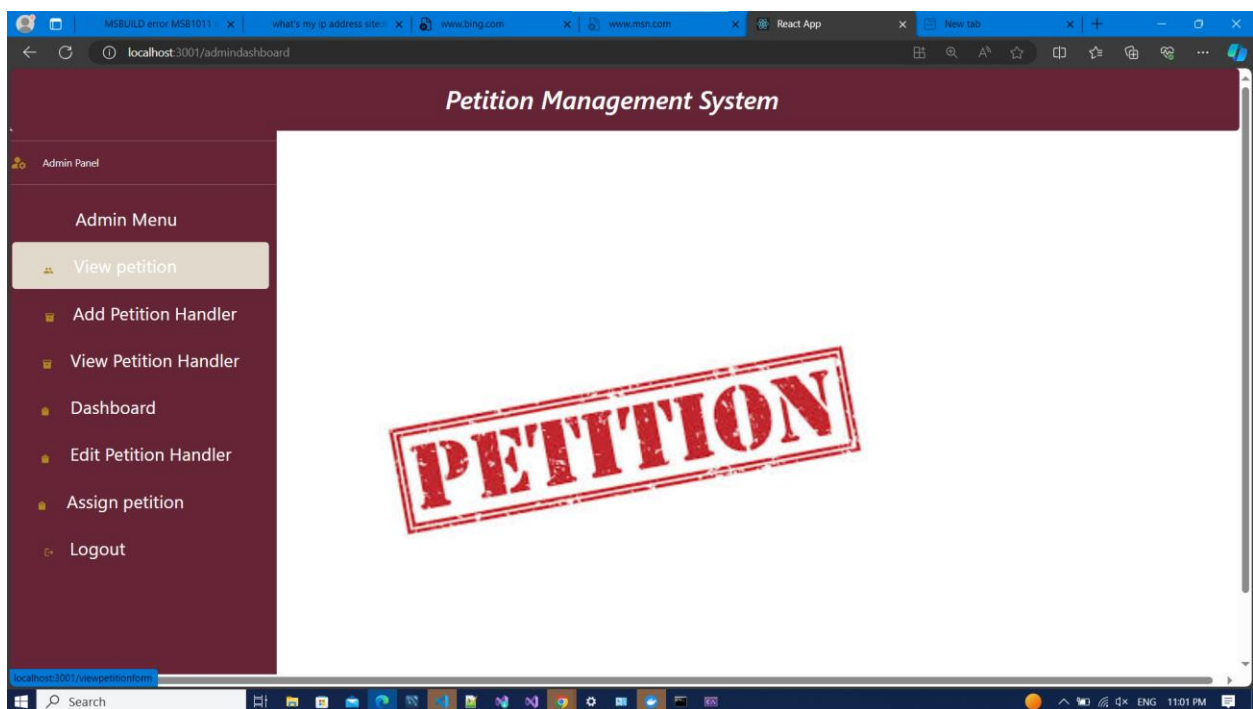
A screenshot of a web browser window displaying a 'Delete Petition' page. The browser's address bar shows 'localhost:3001/userpetitionform'. The page has a title 'Delete Petition' and a table with the following data:

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

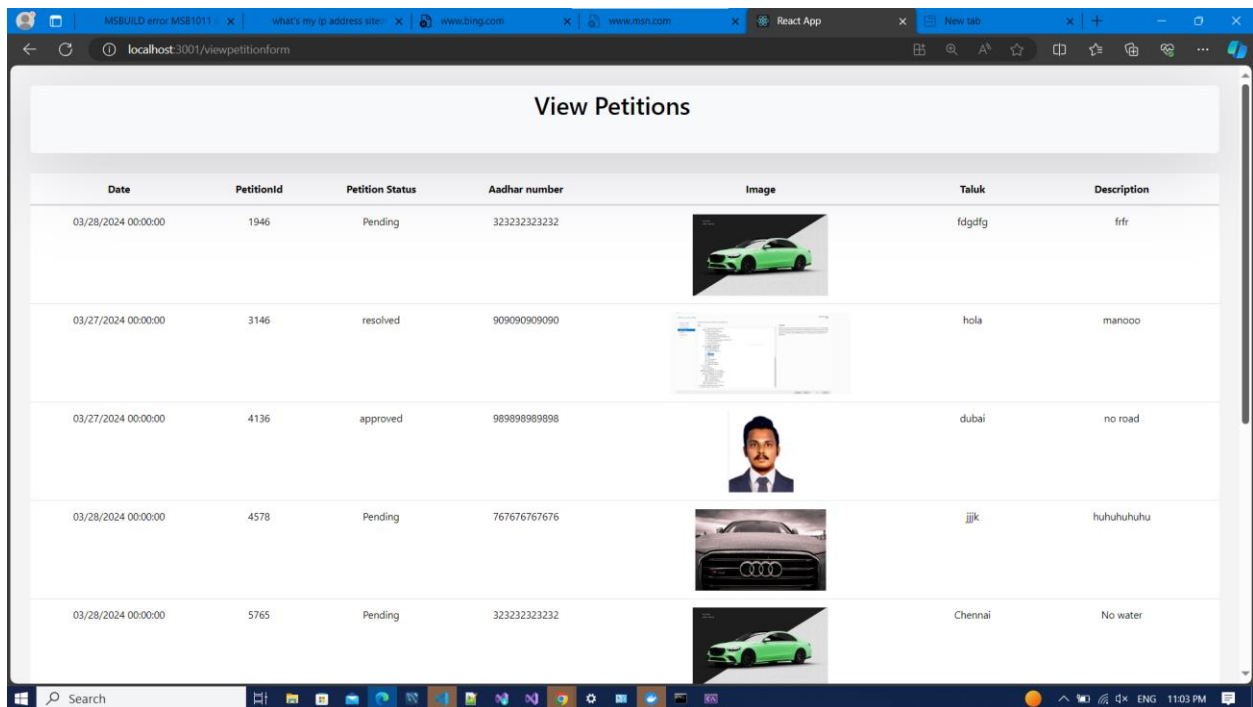
9. User action 3 – Check the petition status








10. ADMIN MODULE [admin's dashboard]

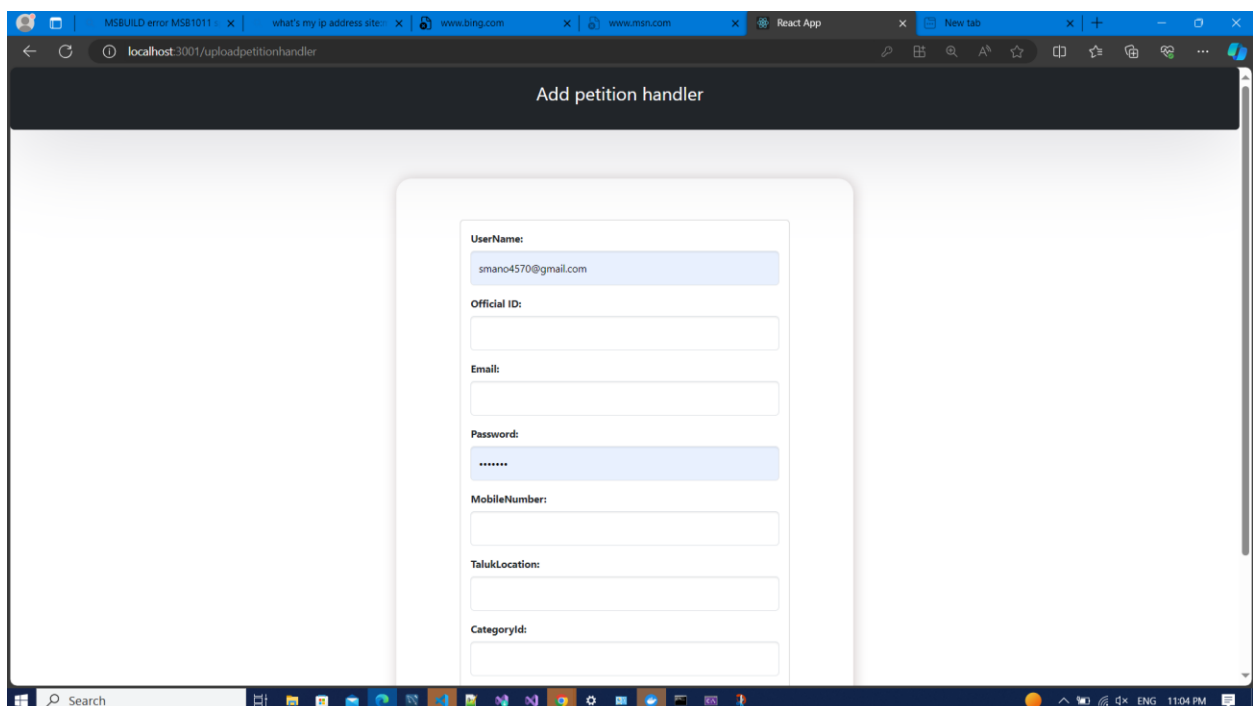


11. Admin action 1 - view petitions



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:

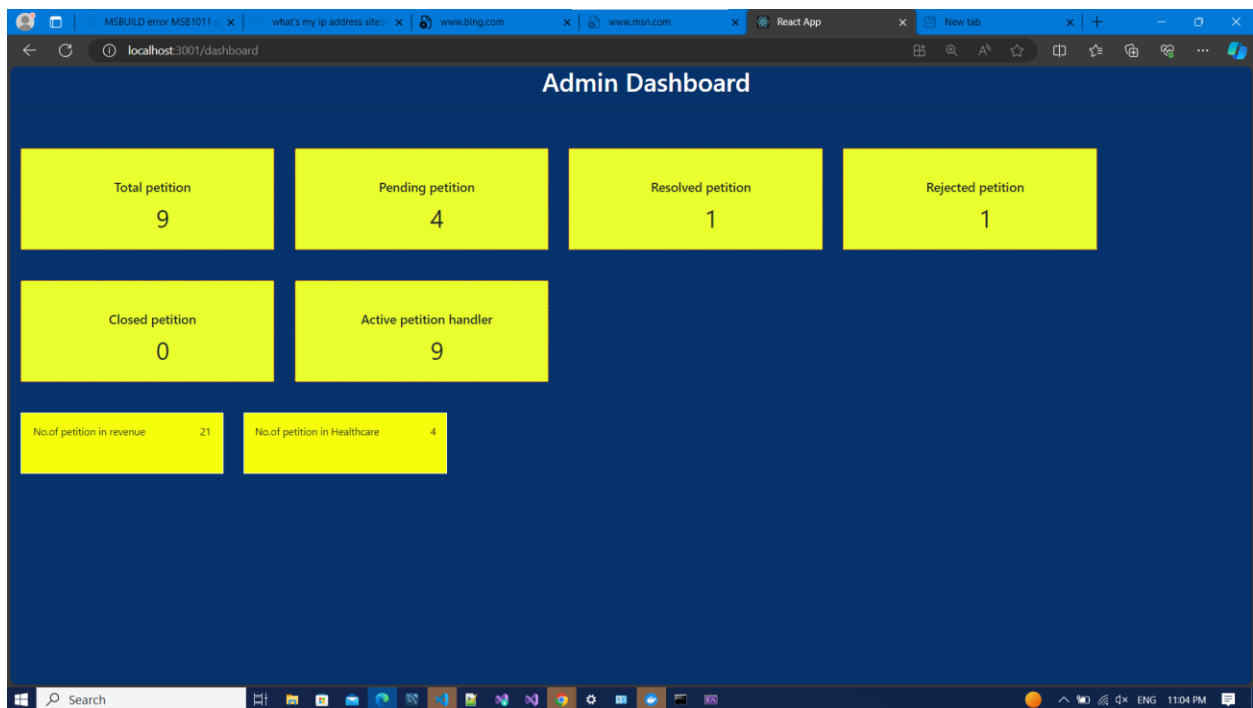
1

AdminId:

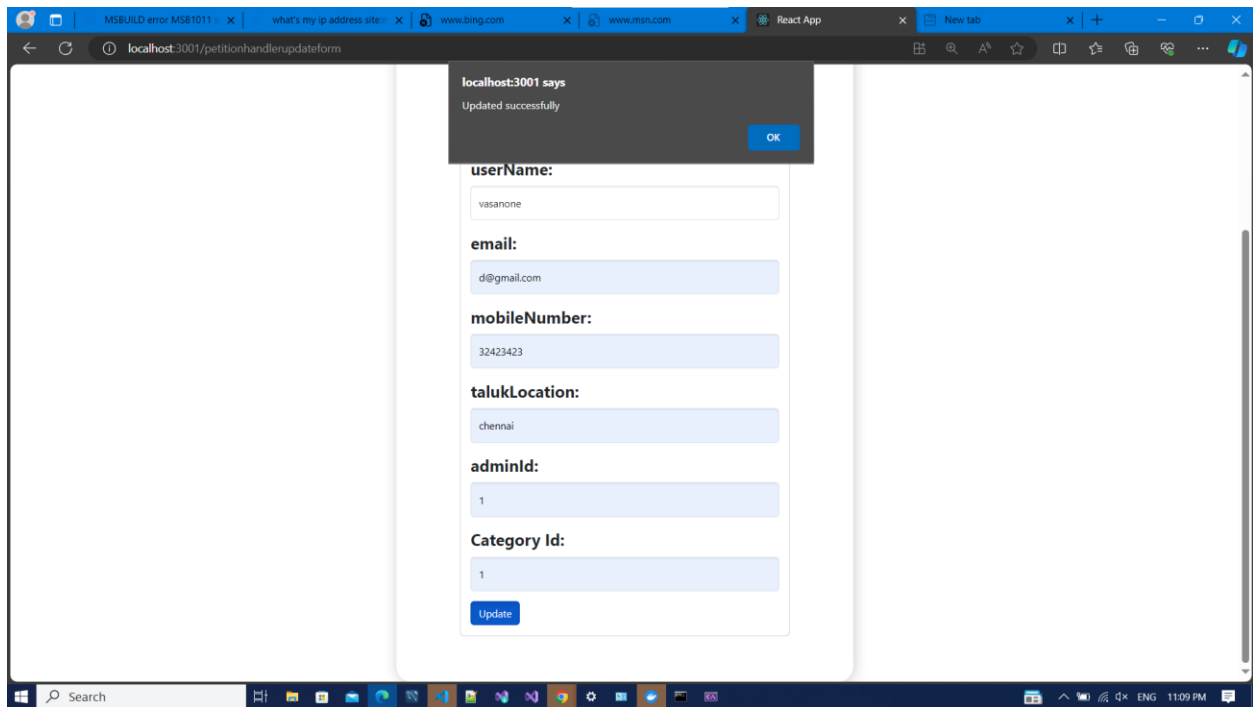
1

Submit

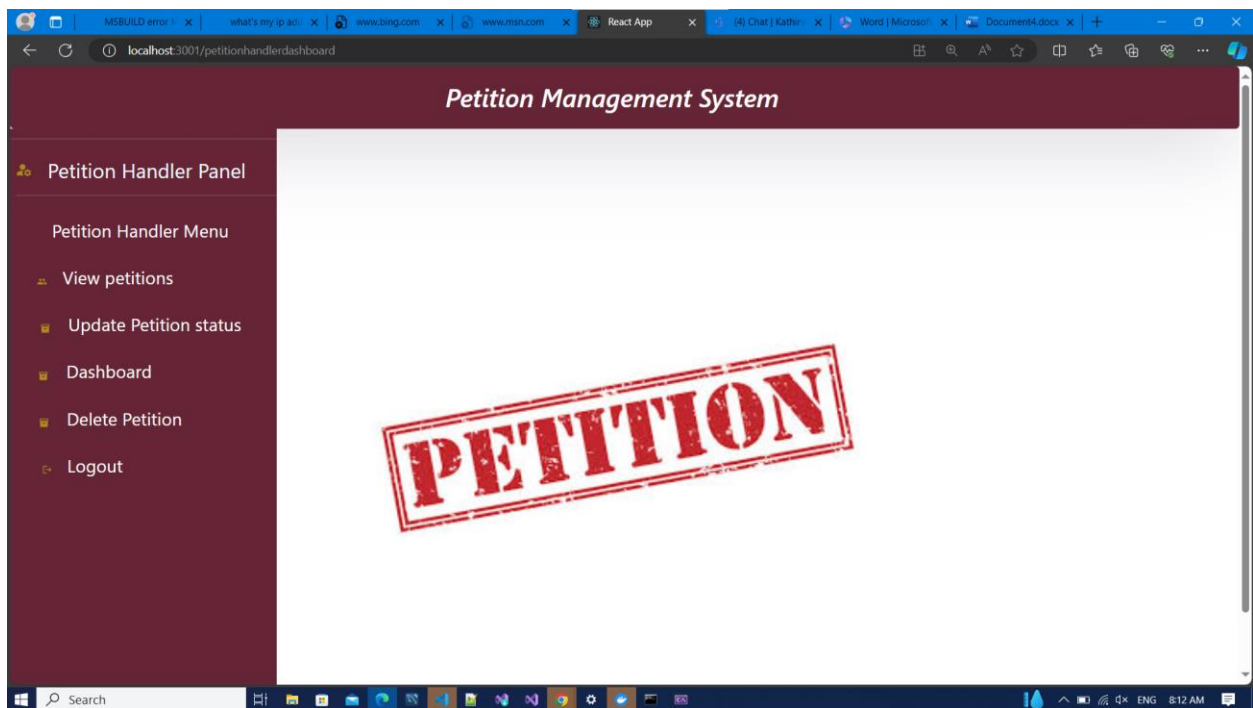
14. Petition Status and Department status



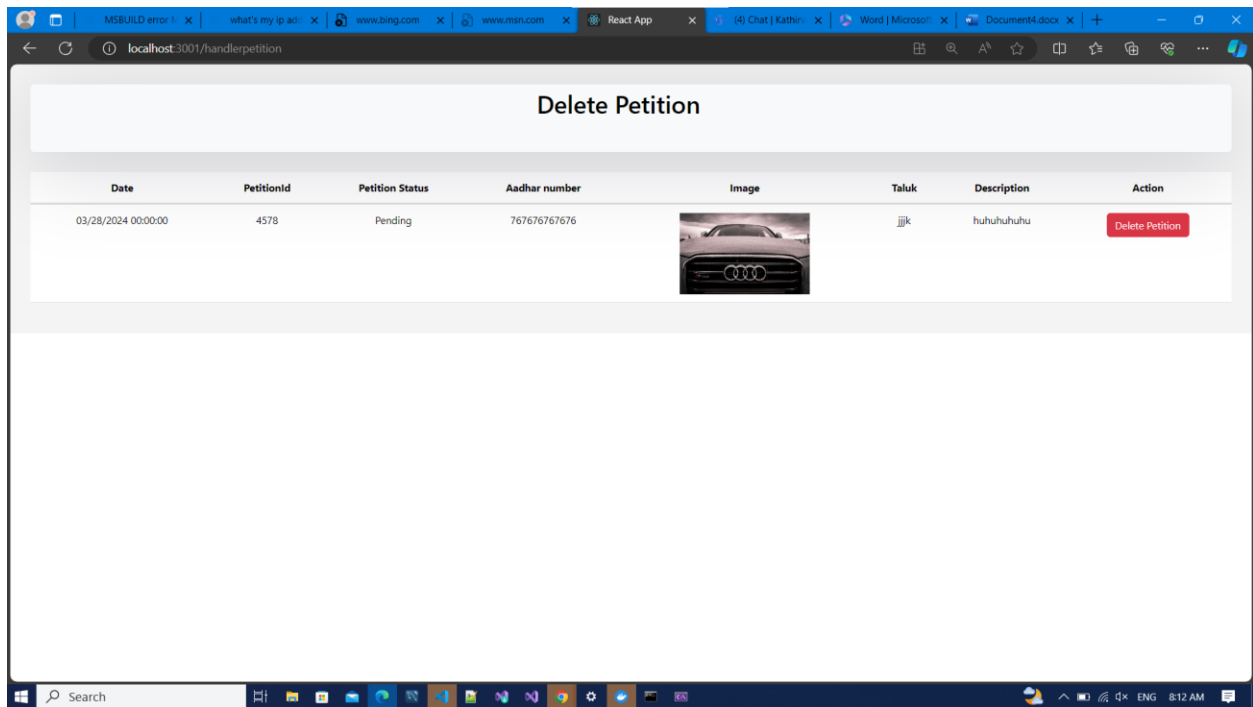
15. Updating petition handler



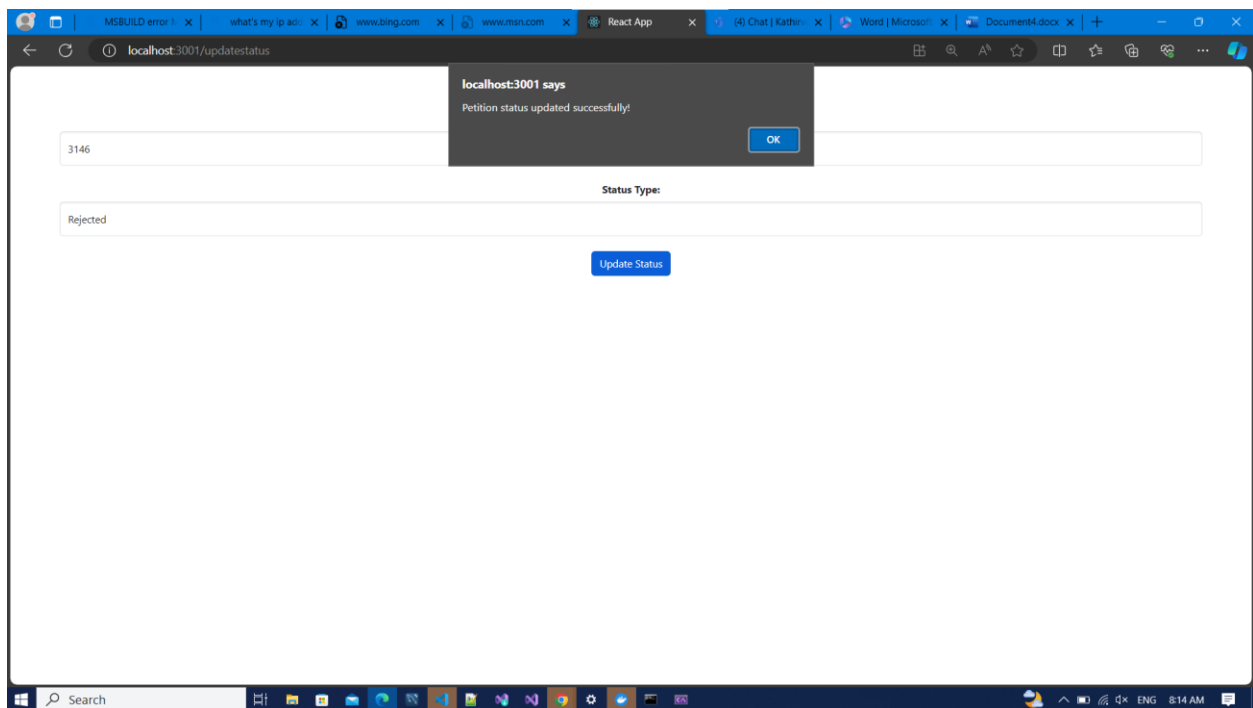
MODULE –3 Petition handler’s dashboard



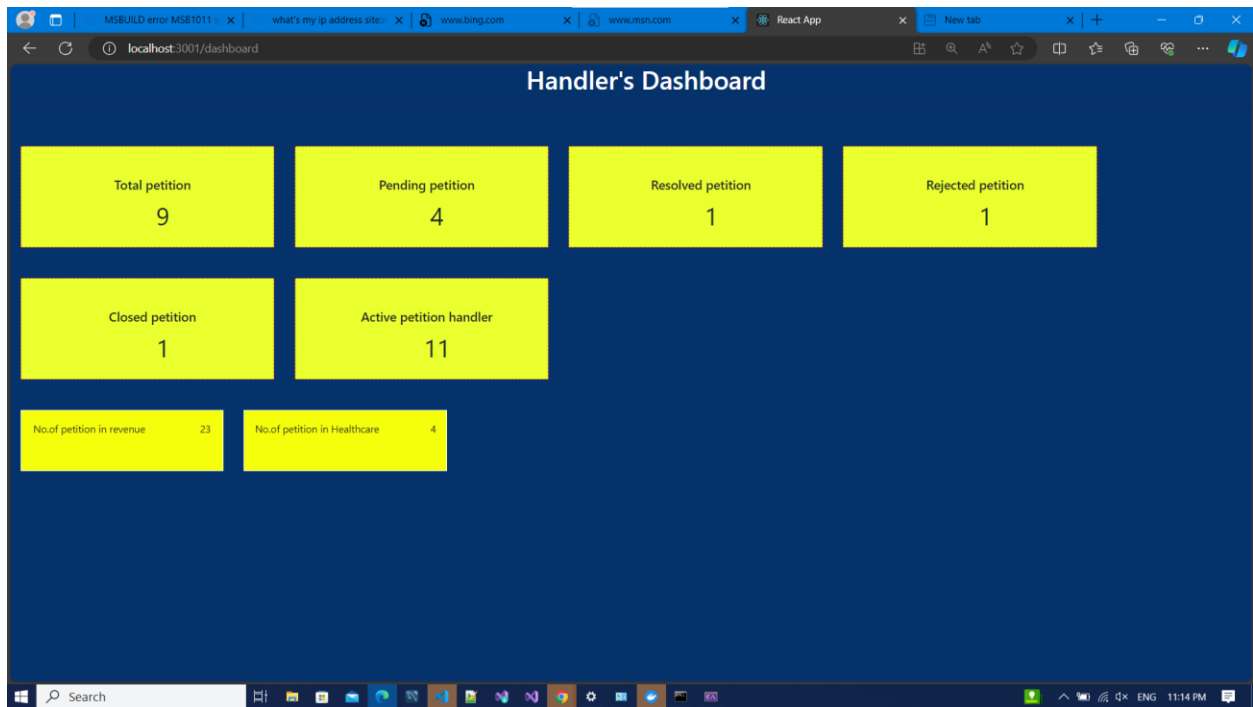
16. Delete the petitions:



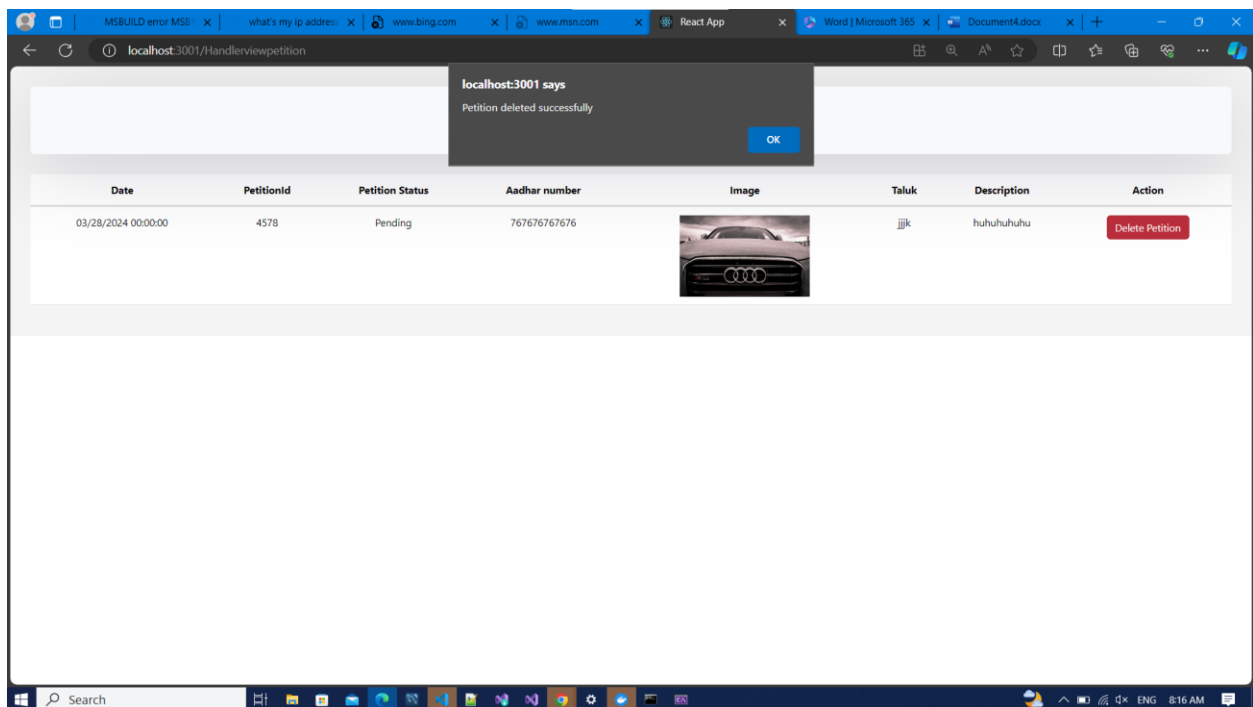
17. Change the status of the petition



18: Petition handler's dashboard



19. Petitions are deleted successfully



Database Images:

The screenshot displays the MySQL Workbench interface. On the left, the 'SCHEMAS' pane shows a tree view of the database structure, including tables like 'petitionhandlers', 'user', 'petition', and 'petitionpetitionhandlers'. The 'Table: petition' is selected, and its columns are listed: 'PetitionId' (int, AI, PK), 'PetitionDescription' (longtext), 'UploadDocumentname' (longtext), 'AadharNumber' (bigint), 'TalukLocation' (longtext), 'Address' (longtext), 'CategoryId' (int), 'UserId' (int), 'StatusType' (longtext), and 'Date' (longtext).

The main query editor shows a SQL query: `SELECT * FROM petitionmanagementsystem1.petition;`. The 'Result Grid' displays the query results, showing columns: 'PetitionId', 'PetitionDescription', 'UploadDocumentname', 'AadharNumber', 'TalukLocation', 'Address', 'CategoryId', 'UserId', 'StatusType', and 'Date'. The results are as follows:

PetitionId	PetitionDescription	UploadDocumentname	AadharNumber	TalukLocation	Address	CategoryId	UserId	StatusType	Date
1946	#f	3a3a753d-a328-4414-b38b-86c02694ef36_c3.jpg	323232323232	fsgdfg	1	111	Pending	03/28/2024 00:00:00	
2146	manooo	4b410f7-f384-4dfe-8c28-476d7bca606_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-4a8d-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	gfgpfgpghsf	c49b9733-61d9-41ef-9bf4-e48a573852aa_E.jpg	656565656565	jfgdfgdfg	4	107	approved	03/27/2024 00:00:00	
8177	no road in our area	14b432d-actf-41ef-8b0a-ab9b914a33c_C2.jpg	454545454545	madura	1	112	rejected	03/28/2024 00:00:00	

The 'Output' pane at the bottom shows the execution of the query, displaying the time taken and the number of rows returned for each step.

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
- TakulLocation longtext
- Address longtext
- CategoryId int
- UserId int
- StatusType longtext
- Date longtext

1. SELECT * FROM petitionmanagementsystem1.petitionhandlers;

Result Grid

PetitionHandlerId	OfficialId	Username	Email	Password	MobileNumber	TakulLocation	Status	CategoryId	AdminId
1	3434	fdfdf	nva@gmail.com	nva	14434	fdfdf	0	1	1
5	3434	qfdqfdq	sgfdqfdq	sgfdqfdq	43534534	sgfdqfdq	0	1	1
6	3434	qfdqfdq	sgfdqfdq	sgfdqfdq	43534534	sgfdqfdq	0	1	1
8	4535	dfqfdq	erqeq	erqeq	445345	erqeq	0	1	1
9	3434	high	wevr	wevr	322453453	wevr	0	1	1
10	3434	high	wevr	wevr	322453453	wevr	0	1	1
11	3434	high	wevr	wevr	322453453	wevr	0	1	1
56	4242	ninja	visha	7878	322453453	7878	1	1	1
76	4343	jojo	jo@gmail.com	throne	890990909	dfdfdfdf	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

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

Tables

- _emigrationshistory
- admin
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- petitionpetitionhandlers
- petition
- petitionhandlers
- user

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Information

Table: petition

Columns:

- PetitionId int AI PK
- PetitionDescription longtext
- UploadDocumentname longtext
- AsadharNumber bigint
- TakulLocation 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	23:00:14	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
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

