

Emergency Class Manager

Katie Hoskins, Tanya Peacock, Marcus Stange

A decorative blue background on the left side of the slide, featuring a grid of squares of various sizes, some of which are outlined in a lighter blue color.

Outline

- Technologies
- Design
- Future Work

Emergency Class Manager

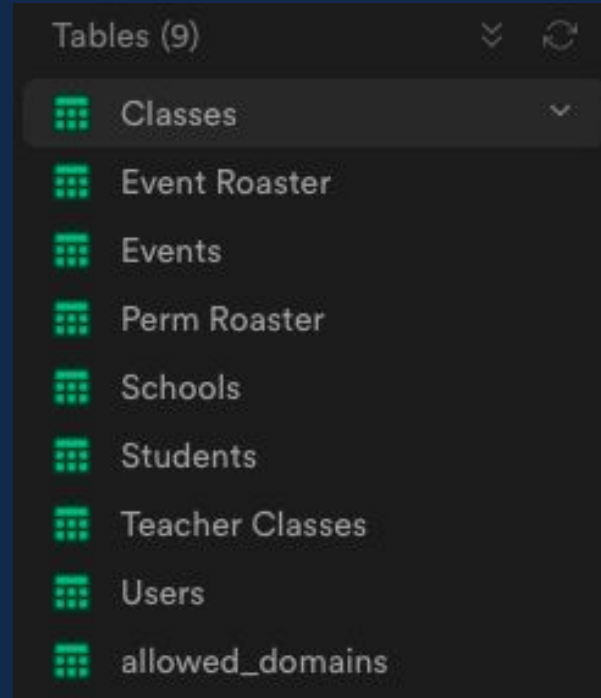
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- Purpose
 - Make the process of marking students' presence in class during emergency situations or drills in Elementary Schools
 - Problems Solved
 - CMCSS students are checked in class manually by teachers through a spreadsheet
 - Higher chance for errors
 - Accessible by smartphone through a web browser if teachers do not have their laptop

Technologies

- VSCode
- Supabase
 - Vue3
 - Vuetify

Database Design

- Methods
 - loadRows
 - showInfo
 - showModal Tables
 - Classes
 - Event Roster
 - Events
 - Perm Roster
 - Schools
 - Students
 - Teacher Classes
 - Users
 - allowed_domains



Design

- Components

- Confirmation.vue
- EditClasses.vue
- EditTeachers.vue
- Layouts
- AppBar.vue
- Default.vue

- Views

- Base Pages
 - Contact.vue
 - SignIn.vue
 - Home.vue
- In Pages
 - Dashboard
 - Account.vue
 - Roster.vue
 - TeacherEvents.vue
 - Users.vue
 - Classes.vue
 - Events.vue
 - AddStudents.vue
 - TeachContact.vue

Contact, Sign In, and Home

- Contact
 - Contact information for Katie, Tanya, and Marcus
 - Able to send emails
- Sign In
 - Sign into the website
- Home Page
 - Shows information about the website



Emergency Class Manager

Welcome to Emergency Class Manager

Emergency Class Manager is a powerful website used to allow teachers and administration to efficiently manage students during drills or emergency situations, stay organized, and keep everyone safe.

Emergency Ready, Student-Focused

[SIGN IN/REGISTER](#)

Dashboard, Account, Roster, TeacherEvents, and TeachContact

-
- Available to everyone
 - Dashboard
 - Home page showing events for today
 - Account
 - All information on signed in account
 - Roster
 - A place for teachers to submit reports on their classes during an event
 - TeacherEvents
 - A calendar to show all events
 - TeachContact
 - Contact info for all administration in the user's school
 - Able to send emails

Dashboard

- Methods
 - loadRows
 - showInfo
 - showModal



Welcome to your Dashboard, Katie!

Upcoming events:

Today's Events	
Test	
Items per page: 5 ▾ 1-1 of 1 < < > >	

Account

- Methods
 - fetchData
 - toggleEditing
 - handleInput
 - saveChanges

 My Account 

Email

hoskinskatie1@gmail.com

School

Rossvie Elementary

First Name

Katie

Last Name

Hoskins

Phone Number

9319803467

Emergency Contact Information

Mom

SAVE



Roster

- Methods
 - fetchData
 - updateStudentInfo
 - addStudent
 - loadRows
 - searchRows

Search Here			
ID Number	First Name	Last Name	Presense
101001	Sanaa	Zavala	Select ▼
100122	Candice	Farrell	Select ▼
100152	Donovan	Maxwell	Select ▼
101213	Lorcan	Alvarez	Select ▼
100123	Arman	Gill	Select ▼
Items per page: 10 ▼ 1-10 of 15 < < > >			
			ADD STUDENT SUBMIT

TeacherEvents

- Methods
 - `handleEventClick`
 - `fetchUserData`

Event Calendar

December 2023

today

< >

Sun	Mon	Tue	Wed	Thu	Fri	Sat
26	27	28	29	30	1	2
3	4 ● 10a Test Check	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23

TeachContact

- Methods
 - openEmail
 - fetchUserData

Principal

Frances Ann Camp

frances.camp@cmcoss.net

[Click to open email](#)

Assistant Principal

Julie Amstutz

julie.amstutz@cmcoss.net

[Click to open email](#)

Assistant Principal

Roshae Harrison

roshae.harrison@cmcoss.net

[Click to open email](#)

Assistant Principal

Molly Willis

molly.willis@cmcoss.net

[Click to open email](#)



Users, Classes, Events, and AddStudents

-
- Available to admin only
 - Users
 - Shows and edit users
 - Classes
 - Shows and edits classes
 - Add students to classes
 - Add teachers to classes
 - Events
 - Create events
 - Shows calendar
 - AddStudents
 - Add and delete students from the database

Users

- Methods
 - getSuperAdmin
 - loadRows
 - searchRows
 - schoolSearch
 - editRow
 - updateSchool
 - submit

Search Here					
userEmail	First Name	Last Name	School	admin	Edit
marcus.g.stange@gmail.com	Marcus	Stange	Barkers Mill Elementary	<input checked="" type="checkbox"/>	EDIT
hoskinskatie1@gmail.com	Katie	Hoskins	Rossvie Elementary	<input checked="" type="checkbox"/>	EDIT
toysland.pw@gmail.com			Not Assigned	<input type="checkbox"/>	EDIT
mstange@my.apsu.edu	User Marcus	Stange	Not Assigned	<input type="checkbox"/>	EDIT
			Items per page:	5	1-4 of 4

Classes

- Methods

- loadRows
- searchRows
- editRow
- addRow
- refresh

STUDENTS

TEACHERS

Editing Class

Class name

Test Class

ID Number	First Name	Last Name	Buttons
100152	Donovan	Maxwell	REMOVE
101213	Lorcan	Alvarez	REMOVE
100123	Arman	Gill	REMOVE

Items per page: 5 1-3 of 3 << < > >>

Search for student

SUBMIT

Events

- Methods
 - `handleEventClick`
 - `addEvent`
 - `fetchUserData`
 - `insertData`
 - `deleteEvent`
 - `cancelDelete`
 - `openConfirmDeleteDialog`

Event Calendar

December 2023

Sun	Mon	Tue	Wed	Thu	Fri	Sat
26	27	28	29	30	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23

AddStudents

- Methods
 - addStudent
 - deleteStudent
 - fetchUserData
 - updateData
 - confirmDelete
 - cancelDelete

ADD STUDENTDELETE STUDENT

Student ID Number

Student First Name

Student Last Name

ADD STUDENT

Deployment

- Download Repo
 - <https://github.com/Toys0125/Emergency-Class-Manager>
 - npm install
 - npm run dev
- Server
 - Any website hosting provider or your own by running 'npm run build'
 - Builds a static website
- Database
 - Change supabaseUrl and supabaseAnonKey
 - Create the tables from the database

Known Bugs

Unable to add a student with the same
id_number

Able to add a student to a class even if they
are not assigned to that school

Able to view all classes for
any school

Future Work

- Archives page
- More school implementation
- Chat implementation
- Automatic roster submission
- Better calendar implementation

Live Demo