

CometChat Internship Task – Issue Report & Recommendations

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1. Dashboard – Issues & Observations

What worked well

- Dashboard UI is clean and modern
- Users & Groups pages are easy to navigate
- Auth Key / App ID pages are clearly visible

Issues / Confusing Points

- "Auth Key" vs "REST API Key" not clearly differentiated — easy to pick the wrong one
- Region is shown as uppercase in UI but must be lowercase in code
- Some features under Chat → Features are disabled by default but UI Kit Builder doesn't warn you

Suggestions

- Add warning: **"Use AUTH KEY, not REST API key for UI Kit"**
 - Auto-show the region in lowercase
 - UI Kit Builder should warn when certain features are disabled in the dashboard
-

2. UI Kit Builder – Issues & Observations

What worked well

- Preview is accurate and helpful
- Theme selection is very smooth
- Easy to download the generated code

Issues

- No clear message saying “**Next, integrate this folder into your React project.**”
- It does not tell you that **TypeScript config must be updated**
- It doesn't warn that certain features (polls, stickers, whiteboard) require enabling in the Dashboard

Suggestions

- Add a final page after download with integration steps
- Add a toggle check verifying whether features are enabled
- Add Vite-specific instructions

3. Documentation – Issues & Gaps

Issues I faced

- Documentation mixes CRA + Vite steps, confusing for beginners
- tsconfig requirement (`resolveJsonModule: true`) is missing
- Login errors (401) are not explained properly
- No clear differentiation between `@cometchat/chat-sdk-javascript` and UIKit login methods

Suggestions

- Add simple “Quick Start for Vite + TypeScript” guide
 - Mention exact tsconfig lines needed
 - Add example errors (401, invalid region) and fixes
 - Add visuals for folder structure after copying CometChat folder
-

4. UI Kit Implementation – Issues & Fixes

Successful Steps

- UI Kit initialized successfully
- User login with `cometchat-uid-1` worked
- Chat UI rendered correctly
- Group chats and messages showing in browser

Errors encountered (important)

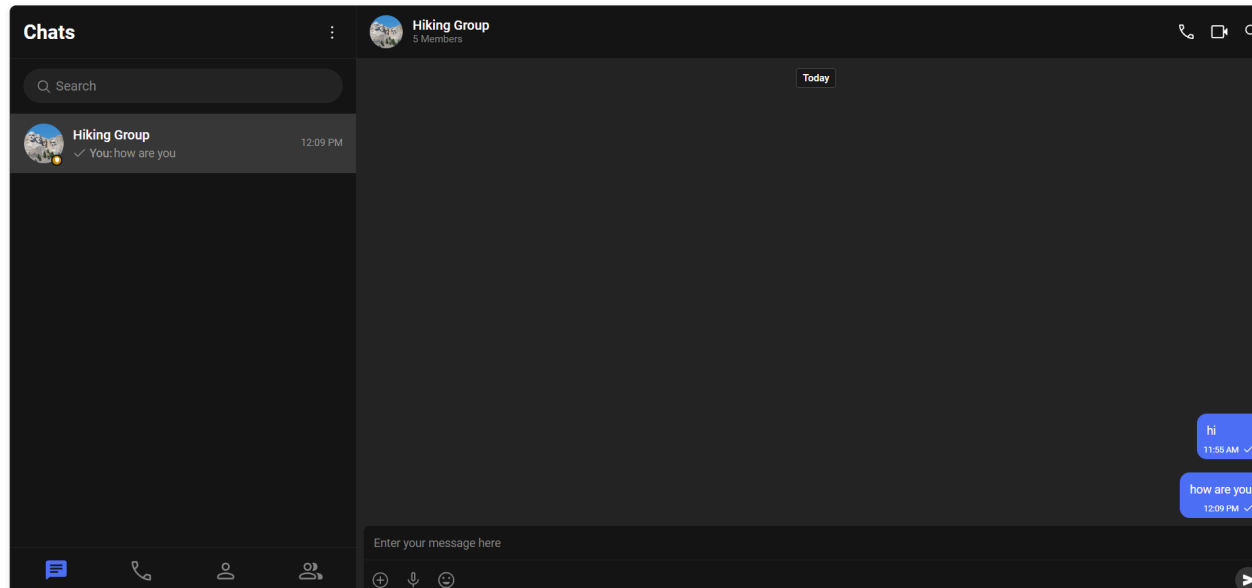
1. **TSCConfig JSON parsing error**
 - Fix: Remove comments and add `"resolveJsonModule": true`
2. **401 Unauthorized login error**
 - Cause: Auth Key missing
 - Fix: Added CometChat AUTH KEY (not REST key)
3. **Region error**
 - Cause: REGION was uppercase
 - Fix: REGION must be `"in"` not `"IN"`
4. **String constant error**
 - Cause: APP_ID string had newline

Fix: Put APP_ID / AUTH_KEY on single line

Suggestions

- CometChat could add a config validator to warn users about incorrect keys
- Auto-detect missing Auth Key and show descriptive error
- Provide ready-made `main.tsx` files for Vite/CRA separately

5. Screenshots



```
{
  "compilerOptions": {
    "tsBuildInfoFile": "./node_modules/.tmp/tsconfig.app.tsbuildinfo",
    "target": "ES2022",
    "useDefineForClassFields": true,
    "lib": ["ES2022", "DOM", "DOM.Iterable"],
    "module": "ESNext",
    "types": ["vite/client"],
    "skipLibCheck": true,
    "moduleResolution": "bundler",
    "allowImportingTsExtensions": true,
    "verbatimModuleSyntax": true,
    "moduleDetection": "force",
    "noEmit": true,
    "jsx": "react-jsx",
    "resolveJsonModule": true,
    "strict": true,
    "noUnusedLocals": true,
    "noUnusedParameters": true,
    "erasableSyntaxOnly": true,
    "noFallthroughCasesInSwitch": true,
    "noUncheckedSideEffectImports": true
  },
  "include": ["src"]
}
```

```
PS C:\Users\cabro\Downloads\cometchat\cometchat-demo> npm run dev
```

```
> cometchat-demo@0.0.0 dev
```

```
> vite
```

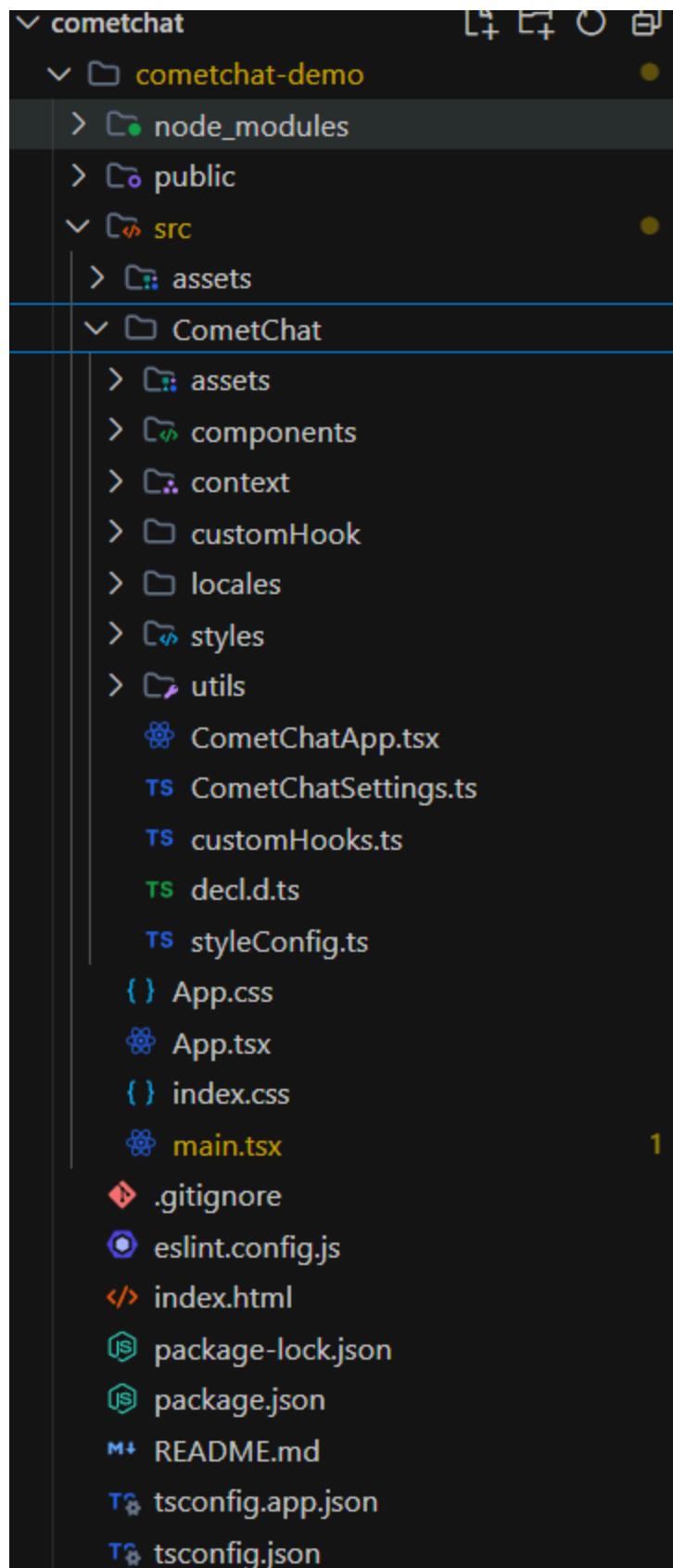
```
VITE v7.2.4 ready in 967 ms
```

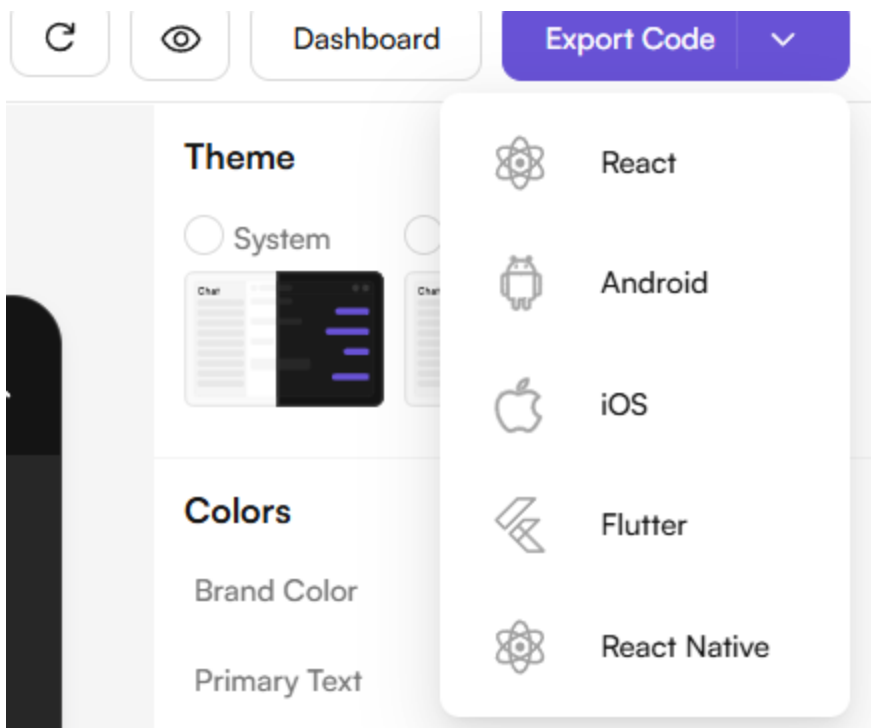
```
→ Local: http://localhost:5173/
```

```
→ Network: use --host to expose
```

```
→ press h + enter to show help
```

```
export const COMETCHAT_CONSTANTS = {  
  APP_ID: "167213029ca1d8759",  
  REGION: "in",  
  AUTH_KEY: "86cd7b801c6df3b2567097ecf3cb9a03577c241f"  
};
```

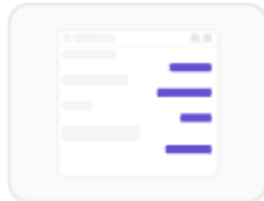
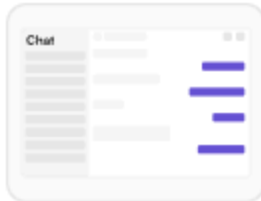




Sidebar

Quick access to conversation and calls

☒ With Sidebar ☐ Without Sidebar



Tabs



Conversations

View all your chats in one place



Call Logs

View recent call history and details



Users

Access and connect with users



Groups

Access & create group conversations

Theme

☐ System

☐ Light

☒ Dark









Colors

Brand Color




#4c6ef7

Primary Text



#FFFFFF

Secondary Text




#989898

Typography

Font

Roboto

▼

Size 

Default

▼

cometchat

GENERAL

Overview

User & Groups

PRODUCTS

Chats

Get Started

Logs

Features

Moderation

Insights

Settings

Calls

Moderation

AI Agents

Notifications

Insights

M

My chat app

167213029cald8759

CodeNo Code

React

React Router

Next.js

React Native

Flutter

iOS

Android

Angular

Vue

JavaScript

Ionic

PHP

Laravel

Others

Integration Methods for React

OPTION 01

RECOMMENDED

React UI Kits - UI Kit Builder (Pre-Assembled UI)

A ready-to-use chat interface—configured via a UI Kit builder—built on top of our UI Kits.

Launch UI Kit Builder

Go to UI Kit Builder Docs

Video tutorial

Learn More

How It Works

Why It's Great

Chat with us

cometchat

GENERAL

Overview

User & Groups

PRODUCTS

Chats

Get Started

Logs

Features

Moderation

Insights

Settings

Calls

Moderation

AI Agents

Notifications

Insights

M

My chat app

167213029cald8759

Features

Feature	Description	Status	Actions
Core			
Instant Messaging	Enables one-to-one and group chat in real time	<div></div>	<div></div>
Media Sharing	Share images, videos, documents, and other file types seamlessly	<div></div>	<div></div>
Read Receipts	Show when a message has been delivered and read	<div></div>	<div></div>
Typing Indicators	Display when another user is typing in the conversation	<div></div>	<div></div>
User Presence	Show online/offline and last seen status of users	<div></div>	<div></div>
Reactions	Allow users to react to messages with emojis	<div></div>	<div></div>
Mentions	Tag specific users in group conversations	<div></div>	<div></div>
Threaded Conversations	Create message threads inside group chats for better context	<div></div>	<div></div>
Quoted replies	Reply directly to specific messages to maintain context in conversations.	<div></div>	<div></div>
Group Chats	Support for creating and managing group conversations	<div></div>	<div></div>

Chat with us

cometchat

GENERAL

Overview

User & Groups

PRODUCTS

Chats

Calls

Moderation

AI Agents

Notifications

Insights

ACCOUNT

Application

Credentials

Webhooks

Webhooks (Legacy)

Team Members

M

My chat app

167213029caId8759

Credentials

App ID

167213029caId8759

Region

IN

Auth Keys

+ Add Key

Name	Created	Key
Auth Key	Nov 27, 2025	*****

Rest API Keys

+ Add Key

Name	Created	Key
Rest API Key	Nov 27, 2025	*****

Chat with us

cometchat

GENERAL

Overview

User & Groups

Users

Groups

User Roles

PRODUCTS

Chats

Calls

Moderation

AI Agents

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ACCOUNT

Application

Profile

M

My chat app






167213029ca1d8759

Users

Active Users

Inactive Users

Search by user name

Name	UID	Role ID	Created	
 Andrew Joseph	cometchat-uid-1	default	Nov 27, 2025, 10:56	⋮
 George Alan	cometchat-uid-2	default	Nov 27, 2025, 10:56	⋮
 Nancy Grace	cometchat-uid-3	default	Nov 27, 2025, 10:56	⋮
 Susan Marie	cometchat-uid-4	default	Nov 27, 2025, 10:56	⋮
 John Paul	cometchat-uid-5	default	Nov 27, 2025, 10:56	⋮

Chat with us

cometchat

GENERAL

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User & Groups

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Calls

Moderation

AI Agents

Notifications

Insights

ACCOUNT

Application

Profile

Resources

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My chat app

167213029ca1d8759

Dashboard

Get Help

App Credentials

Documentation

Get Started / Integrate (Start integrating CometChat)

Chat & Messaging

Voice & Video Calling

AI Agents

Moderation

Usage (Current billing cycle)

Chats

MAU

0 / 100

Calls

Voice Minutes

0 / 2500

PCC

0 / 25

Operational Data (Current month)

Users active this month

0

Voice minutes today

0

Video minutes today

0

Recording minutes today

0

Peak concurrent connections

Peak 30 days

Monthly Active Users

Peak 3 months

Credentials

View All

App ID

167213029ca1d8759

Region

IN

Auth Key

Quick Links

Create Support Ticket

Get help from our support team.

Developer Docs

Browse comprehensive product docs.

API Docs

Detailed API references and usage guides.

Sample Apps

Explore ready-to-use app examples on GitHub.

Help Center

Find solutions and troubleshooting guides.

Slack Support

Chat with us

6. Conclusion

The CometChat UI Kit integration was successful after addressing a few documentation and setup gaps. Once configured correctly, the UI works smoothly and provides a very professional chat experience out of the box.