

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
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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
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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
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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. **TSConfig 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**

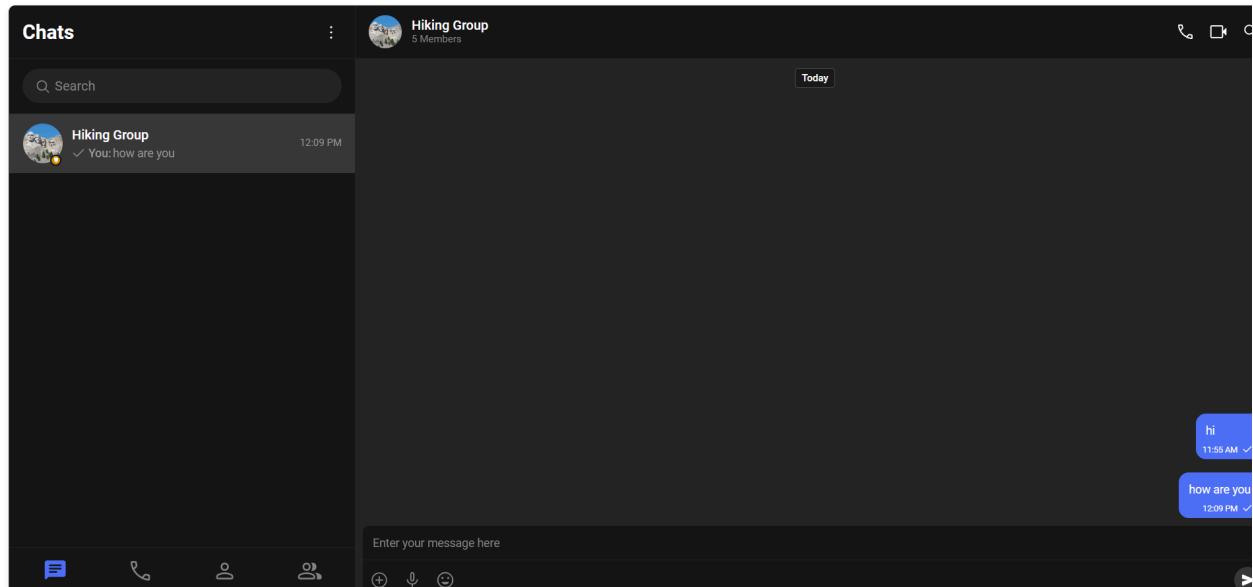
Cause: APP_ID string had newline

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"]  
}
```

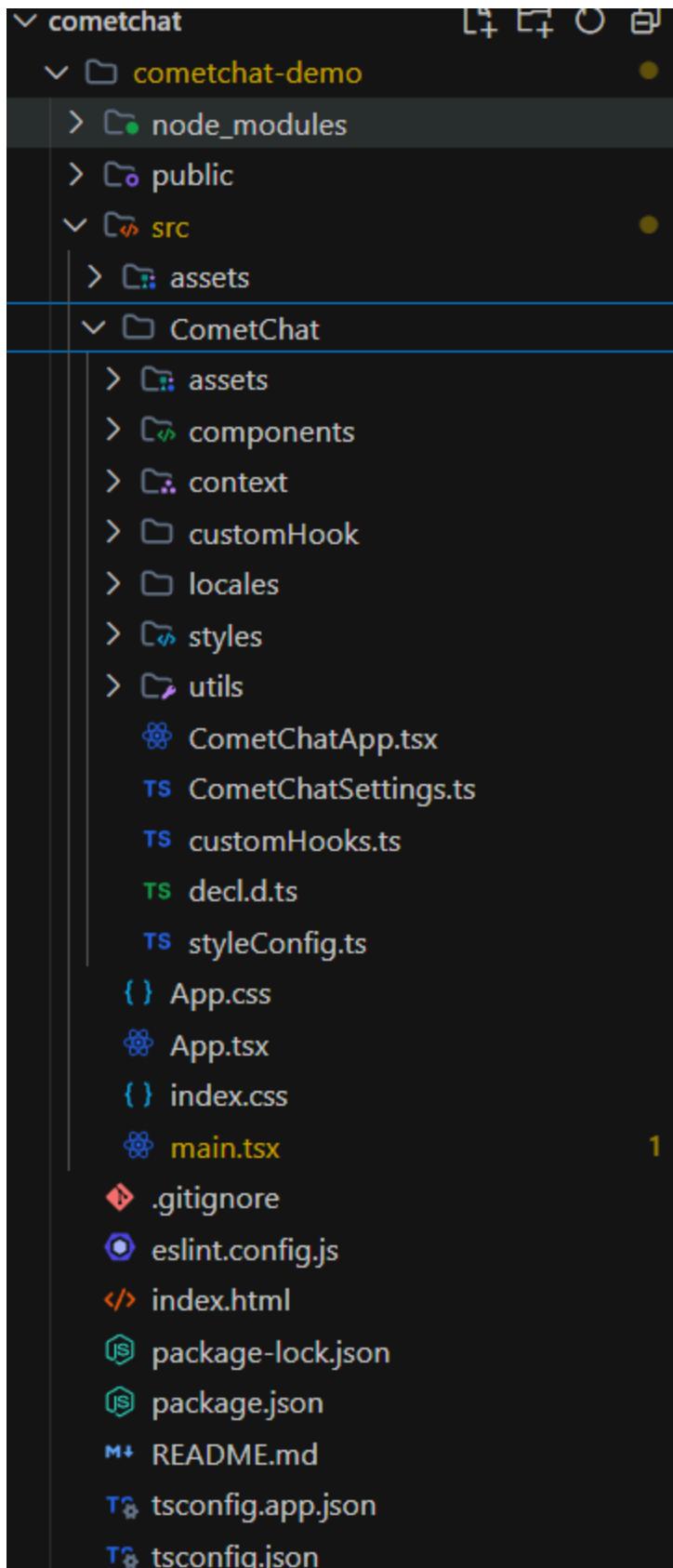
```
PS C:\Users\cabro\Downloads\cometchat\cometchat-demo> npm run dev

> 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"
};
```





Dashboard

Export Code

**Theme** System

React



Android



iOS



Flutter

Colors

Brand Color

Primary Text

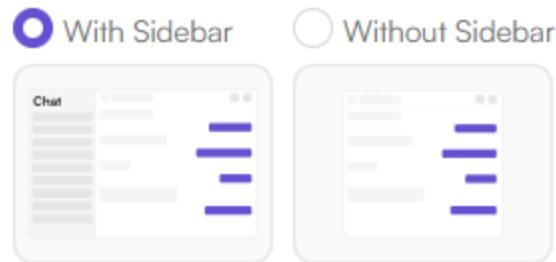


React Native

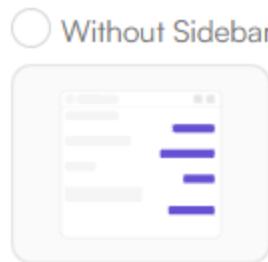
Sidebar

Quick access to conversation and calls

With Sidebar



Without Sidebar



Tabs

	<input checked="" type="checkbox"/>
Conversations	
View all your chats in one place	
	<input checked="" type="checkbox"/>
Call Logs	
View recent call history and details	
	<input checked="" type="checkbox"/>
Users	
Access and connect with users	
	<input checked="" type="checkbox"/>
Groups	
Access & create group conversations	

Theme

System



Light



Dark



Colors

Brand Color

 #4c6ef7

Primary Text

 #FFFFFF

Secondary Text

 #989898

Typography

Font

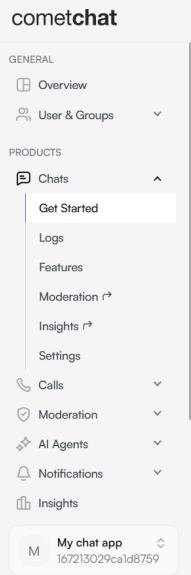
Roboto



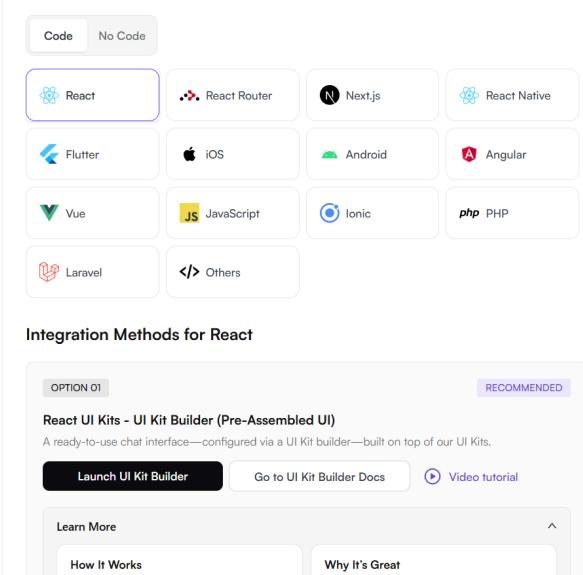
Size 

Default

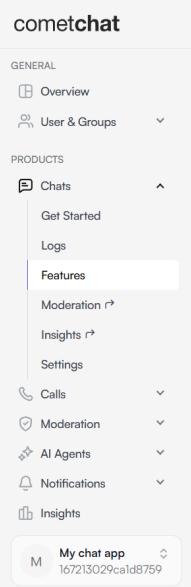




The screenshot shows the Cometchat productivity dashboard. On the left, a sidebar menu includes sections for GENERAL (Overview, User & Groups), PRODUCTS (Chats, Get Started, Logs, Features, Moderation, AI Agents, Notifications, Insights), and a bottom section for My chat app (167213029cald8759). The main content area displays various integration options and feature configurations.

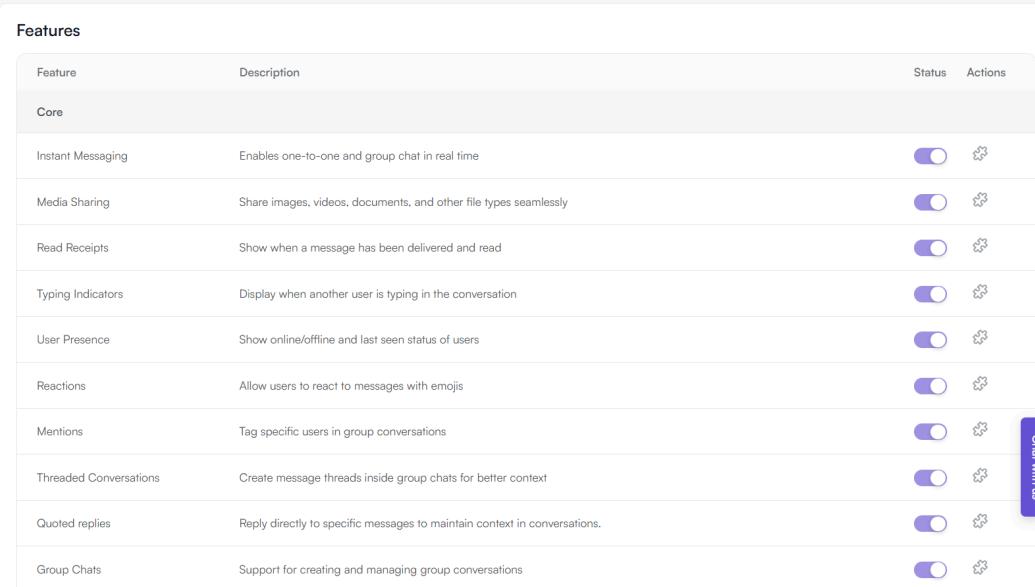


This screenshot shows the "Integration Methods for React" section. It features a grid of integration icons for various frameworks and languages: React, React Router, Next.js, React Native, Flutter, iOS, Android, Angular, Vue, JavaScript, Ionic, PHP, Laravel, and Others. Below the grid, a section titled "Integration Methods for React" highlights "React UI Kits - UI Kit Builder (Pre-Assembled UI)" as recommended, with links to "Launch UI Kit Builder", "Go to UI Kit Builder Docs", and a "Video tutorial". Other sections include "Learn More", "How It Works", and "Why It's Great".



The screenshot shows the feature configuration section of the Cometchat dashboard. The sidebar menu is identical to the first one. The main content area is titled "Features" and lists various messaging features with toggle switches and edit icons:

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



This screenshot shows the same feature configuration section from a different perspective. The sidebar menu is identical. The main content area is titled "Features" and lists the same set of messaging features with their descriptions and status toggles.

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 167213029ca1d8759

Credentials

App ID: 167213029ca1d8759

Region: IN

Auth Keys

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

+ Add Key

Rest API Keys

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

+ Add Key

Chat with us

The image displays two screenshots of the CometChat UI Kit. The top screenshot shows the 'Users' page, which lists five active users: Andrew Joseph, George Alan, Nancy Grace, Susan Marie, and John Paul. Each user entry includes a profile picture, name, UID, Role ID, Created date, and a three-dot menu icon. A search bar at the top right allows searching by user name. The bottom screenshot shows the 'Dashboard' page, featuring sections for 'Get Started / Integrate', 'Usage (Current billing cycle)', 'Operational Data (Current month)', and 'Quick Links'. The 'Usage' section includes charts for Chats (MAU 0/100, PCC 0/25) and Calls (Voice Minutes 0/2500, Video Minutes 0/2500). The 'Operational Data' section shows metrics for active users (0), voice/video minutes, and recording minutes. The 'Quick Links' sidebar provides links to 'Create Support Ticket', 'Developer Docs', 'API Docs', 'Sample Apps', 'Help Center', and 'Slack Support'.

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.