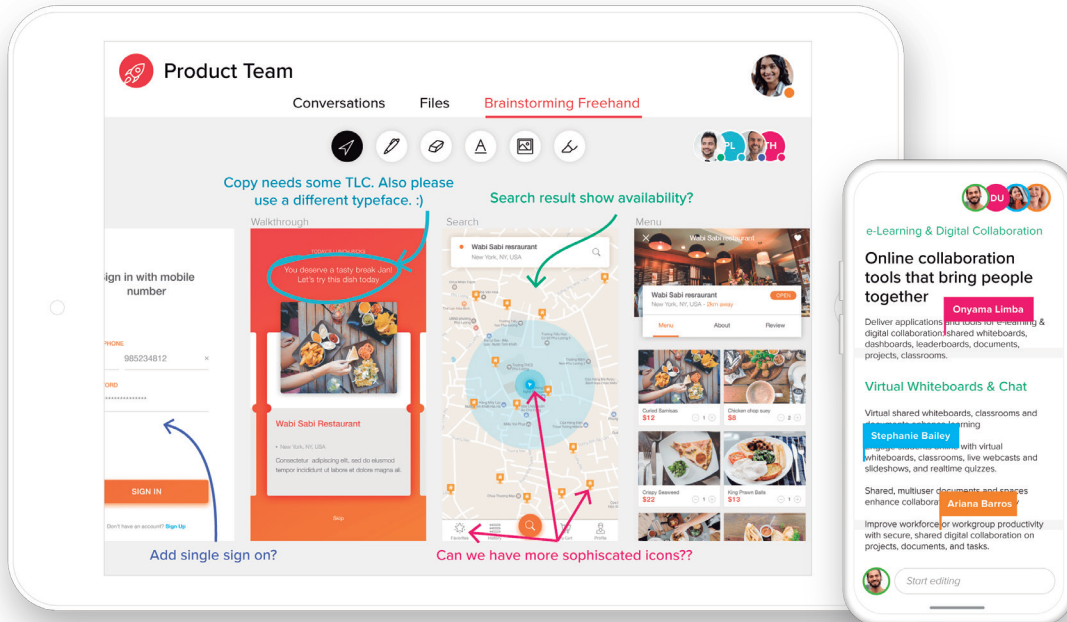


# PUBNUB FOR ELEARNING

Personalizing Remote Education



For students and teachers to get the most out of their learning experience, open and honest communication and feedback is crucial. When the classroom environment is virtual, capturing these qualities is necessary to foster quality learning. To ensure students and teachers feel supported and heard in the remote classroom, instructors need an eLearning platform that seamlessly creates opportunities for conversation and collaboration—both in one-on-one sessions and group settings.

PubNub allows you to create an eLearning platform that makes teachers’ interactions with their students feel authentic and impactful. With PubNub, you can allow students to engage in their learning in ways that feel like the consumer applications they use every day. This makes the virtual classroom feel like a familiar, intimate space, which is key to fostering collaboration, creativity, and learning.

By partnering with PubNub, you don’t have to build your eLearning solution from the ground up. With our APIs, you can create a reliable, secure communication platform—all while still retaining full control, functionality, and flexibility with integrations to services like virtual whiteboards, translation, and real-time quizzes.

## Key Features

- Virtual Classrooms and Shared Spaces
- Full-Featured Chat
- Presence and User Status
- Voice and Video Calling
- SMS/MMS/Social
- Chatbots
- Text-to-Speech
- Translation
- Analytics
- Alerts & Notifications
- Private Chat



## HOW PUBNUB IMPROVES VIRTUAL LEARNING

### Interactive, virtual classrooms

Easily expand your eLearning offering by creating virtual classrooms that feel just as immersive and functional as in-person lessons. Create multi-user spaces where students and teachers can collaborate on shared whiteboards, webcasts, and slideshow presentations. Plus, our pre-built integrations make adding new features and functionality, like profanity filtering or real-time translation, simple so each teacher can completely tailor their virtual classroom to their exact needs.

### Real-time attendance and participation tracking

See which students are actively engaging in their learning and which might need a little extra attention. Instructors can instantly record attendance with PubNub Presence, which tracks the online status of students. Teachers can also track participation and engagement based on how students interact with their virtual classroom. Teachers can easily see which students are answering questions, raising their hands, and participating in discussions—all in real time.

### Live quizzes and in-platform assignments

Continuously engage students and help them retain their lessons through pop-up quizzes and polls. Plus, teachers can easily assign and collect homework, tests, and projects. With PubNub, instructors can retain all the familiar elements of in-person learning—from asking questions to giving out pop quizzes—within a single, virtual environment.

### Customized chat, from private tutoring to group sessions

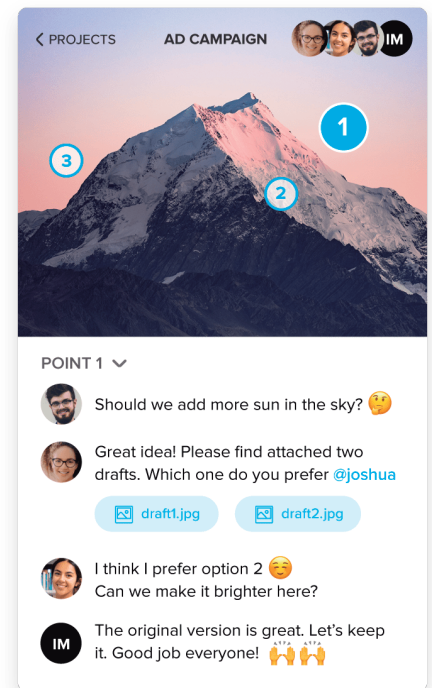
Give teachers the ability to check in with their students via one-on-one and multi-party chat. PubNub's APIs are designed to give your customers the functionality they want while allowing your developers to quickly get a proof of concept running. Developers get a production-ready, scalable solution that has the flexibility of building in-house without the cost, time, and frustration. Plus, our Chat Solution Kit gives you full control over the look, feel, and functionality needed to deliver a beautiful and comfortable learning experience.



*PubNub allows us to scale up to hundreds of thousands of concurrent connections with no problems at all. We never have to worry about scaling, about spinning up servers, about how many people are online right now."*

### Liam Don

*Co-founder and CTO of Class Dojo*



*There were two big reasons we picked PubNub –scalability and performance. Our original in-house stack built on top of open-source components was stretched to the limits.*

### Subramanian Viswanathan

*Cofounder and CEO of Disprz*

