



## THE CHALLENGE

### Strengthening Interactive Features Security:

The platform's unique interactive features, including real-time feedback and speech recognition, presented potential vulnerabilities that required a thorough assessment to ensure data protection and user safety.

### Compliance with Privacy Standards:

The company needed to align with stringent data protection regulations in New Zealand and Australia, such as the Privacy Act and Australian Privacy Principles, while maintaining a seamless user experience.

## SOLUTION

### Focused Security Assessment:

Capture The Bug conducted targeted penetration testing on the platform's core features, such as speech recognition APIs, real-time feedback systems, and user data management, uncovering hidden vulnerabilities.

### Collaborative Remediation:

Our pentesters worked directly with the development team to address security concerns, providing step-by-step guidance to fix vulnerabilities efficiently and effectively.

### Compliance Support:

We ensured that the platform met local data protection regulations while maintaining its interactive functionality, reducing risks associated with regulatory non-compliance.

**Industry:** Education  
Technology (EdTech)

**Services:** Vulnerability  
Assessment & Penetration Testing

## BENEFITS

### Enhanced Data Protection:

The platform now features stronger security measures, protecting sensitive student and institutional data against unauthorized access.

### Quick Vulnerability Resolution:

By working closely with Capture The Bug's team, the company was able to resolve security issues during the testing process itself, minimizing downtime and operational risks.

### Scalable and Secure Growth:

The platform can now scale confidently, offering robust security as its user base continues to grow across schools and universities in New Zealand and Australia.