How a Leading Peer-to-Peer Hospitality Platform Expanded App Testing Across Devices and Networks

About the Client

The client is a leading peer-to-peer hospitality platform connecting hosts and guests across a global network.

The platform supports critical interactions between hosts and guests through its mobile applications and web experience.

Industry: **Hospitality**

Region: **Global**

The Challenges

As the platform expanded across devices, operating systems, and user scenarios, the QA team needed a testing solution that could provide broad device coverage while validating functionality that depends on physical device capabilities.

The key challenges included:

Testing Across Multiple Devices and Platforms

The team needed to validate the application across a wide range of devices and platforms to ensure consistent functionality across different user environments.

Testing SIM-Dependent Functionality

The team needed to validate SMS messaging and phone calls, which required access to physical devices with SIM cards.

Integrating Testing Into CI/CD

The team needed to run automated tests as part of a continuous integration environment to support more consistent and repeatable testing.

The Solutions

HeadSpin provided the team with real-device testing capabilities to validate functional and performance scenarios across Android, iOS, and mobile browsers.

Testing Phone Calls and Text Messages

The team used real devices to make and receive phone calls and send and receive text messages, enabling validation of communication workflows that require SIM-enabled devices.

Testing File and Image Uploads

HeadSpin enabled the team to upload pictures directly from devices, helping validate host workflows involving image uploads.

Performance and Load Testing Across Platforms

The team leveraged HeadSpin Waterfall UI to analyze application performance across Android, iOS, and mobile browsers during performance and load testing.

Diagnosing Network Calls

HeadSpin helped the team capture and analyze network traffic from the application, providing visibility into network calls during testing and helping diagnose issues.

Supporting Continuous Integration

The testing setup enabled the team to incorporate automated testing into its continuous integration environment, supporting more consistent test execution.

The Results

Deployment Across 17 Countries

HeadSpin was deployed across 17 countries, supporting the client's geographically distributed testing needs.

Faster, More Robust Testing

The testing setup supported more robust validation of new features and functionality across Android, iOS, and mobile browsers.

Validation of Critical User Workflows

The team could test communication workflows, image uploads, and application behavior across different devices and platforms.

Know more at **www.headspin.io**