

Game Hack Testing



Client Overview

- Game Developer of quick and easy skill based games galore
- Engaging and challenging levels with leaderboards and real money for top scores
- Games available on web and Android



Business Requirements

- Validate functional stability of the game for features, rules and all game mechanics
- Check for gameplay progress
- Test for resilience to leaderboard hacks which is sensitive to real money give aways



Our Solutions

- Performed comprehensive Functional and Adhoc Tests
- Prepared custom test strategy for Compatibility tests – device profiling based on game target audience, exploratory testing for conventions in android device compatibility and UX based tests
- Logical hacks to Game business rules (Business rules like: Game joining time buffer is set to 3 hours, level based rules etc.)
- Game leaderboard hack testing with rooting android device scenarios and tool based hacking



Tools

- **HackTools:** Lucky patcher, Game killer, GameCIH, Leoplay card
- **Test Management:** GitHub



Business Impact

- Reported critical crashes and incidents in Game Play progress
- No cost to client on device infrastructure. iXie Device Lab holds wide range of market standard devices (250+) to conduct compatibility tests
- Real hacking simulations to build Game Resilience



USA

Cupertino | Princeton
Toll-free: +1-888-207-5969

INDIA

Chennai | Bengaluru | Mumbai | Hyderabad
Toll-free: 1800-123-1191

SINGAPORE

Singapore
Ph: +65 6812 7888

UK

London
Ph: +44 1420 300014