

Case Study

360° evaluation for Avanza Solutions Pvt. Ltd.



For more information, contact askus@excelliti.com

Xcelliti

All content / information present here is the exclusive property of Xcelliti. The content / information contained here is correct at the time of publishing. No material from here may be copied, modified, reproduced, republished, uploaded, transmitted, posted or distributed in any form without prior written permission from Xcelliti.

Client Profile

Avanza Solutions leads the marketplace by developing and delivering forward-looking products, services, and solutions that add value to everyday life. Building on over 15 years of experience, Avanza serves 300+ clients in more than 45 countries.

Highly regarded specifically for its financial services technology, Avanza continues to contribute a diverse range of innovative products including award-winning solutions for Self-service Banking and Transaction Processing, Customer Service and Experience, and Business Automation and Collaboration. Avanza has over 500+ product deployments processing over 8 million transactions every day on 7500 terminals, backed by a team of 250 expert resources worldwide.

Maintaining a strong focus on delivering value through forward-looking solutions, Avanza has evolved into one of the fastest growing multimillion dollar international software companies. Avanza's cutting-edge solutions advance through close collaboration of clients, in-house experts, and industry veterans to take the industry to the next level of customer-centric innovation.

We offer a range of state-of-the-art solutions that include:

- Self-service & Transaction Processing
- Customer Service & Experience
- Business Automation & Collaboration



Business Situation

Xcelliti were asked to plan and execute a comprehensive series of tests on a Proximate mobile and web application. Proximate is a handy shopping partner and location-aware app with beacon technology, it enables you to keep track of every deal and promotion near you.

Solutions Provided & Benefits

Xcelliti had proposed 360 Quality Evaluation Services to Avanza Solutions which had cover three (3) areas:

- ✘ Functional Testing
- ✘ Penetration Testing
- ✘ Load/Performance Testing

Functional Testing Phase:

We have performed functional testing of merchant web portals and mobile application for Android and IOS platform.

To cover the testing on maximum numbers of real devices we have signed a contract with KeyNote (www.keynote.com) which provided us with the real devices on the cloud.

Accessing Mobile Apps without Purchasing Mobile Devices

Salman Rana, Director Services of Xcelliti "We chose DeviceAnywhere because it allowed us to do exactly what we needed. Rather than requiring us to rent or purchase the actual devices, DeviceAnywhere allows us to go online and pick from any number of Smartphone devices and OSs to use for our testing."

Penetration Testing Phase

We have performed pen testing activity for Android and IOS platform, for this reason we have designed a threat model and configured device emulators for Android and IOS using IBM AppScan pen testing tool. List of security vulnerabilities has been identified during this phase. Final report with list of vulnerabilities along with the recommendation has been shared with the client.

Performance Testing Phase

We have performed performance testing activities using IBM Rational Performance Tester and JMeter. Both tools has been used in conjunction for load testing the web services and web portal. Response time break down has been provided at the end of the activity.