



Elegant MicroWeb
Delivering the Value of Technology

Case Study

Quality Assurance Testing for Social Dieting Game Portal



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ISO 9001:2008



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The Client

USA based company has been promoting the concept of “social dieting” through online games since years. These games are targeted for users who participate for a fixed period of time, usually four weeks to lose weight. The aim is to encourage ample number of users to bet money for virtual pot and on winning, users can split and take award home. Promoting a friendly competition among the participants with the incentive to win cash rewards at the end of session is what the company intends to achieve with these online games.

The Objective

The client required a quality-oriented approach for testing both desktop and mobile applications to ensure a worry-free implementation and timely product upgrades and releases.

It was challenging to adopt the right approach especially when the company had been dealing with high number of customers who were keen participants

in the online game contests and in such scenarios when usage of software is high and ongoing, handling multiple upgrades and release without compromising on availability of system or user experience is a key challenge.

Client desired to have QA partner that works with their remote development team and product management team, and ensures seamless rollout of new features and upgrades. Integrated team efforts were required to:-

- Coordinate with core product team for feature and release planning
- Coordinate with offshore product development team for internal or external releases
- Ensure compatibility with existing system data and various existing and upcoming browsers, operating systems, and mobile devices
- Define and implement QA process to handle two upgrades a month on continuous basis

The Solution

To achieve its goals, the client chose to involve a QA partner that can provide seamless upgrades twice a month and has full understanding and knowledge of what is required to implement and support such high usage, high availability system.

Elegant MicroWeb worked with client’s product management team and remote development team to define QA processes and workflow to meet these objectives. Scope of QA services involved following:-

- Design, Update, Implement and Verify various test scenarios and test cases based on system requirements
- Manual testing
- Automated functional testing
- Automated load and performance testing
- Cross browser compatibility
- Mobile application testing on targeted devices
- Use of bug tracking system with workflow implementation



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Based on product feature and release planning and key requirements of the system, it was decided to adopt rigorous testing exercises on a constant and consistent basis. The QAT services are provided twice a month with every new release. The functional and technical aspects of web and mobile applications are thoroughly verified, bugs are tracked and closed, and test cases library is maintained.

More than two years of engagement with client has resulted in sustained and trusted delivery of services and ensured seamless user experience and new feature releases right on time.

The Technology

- Performance Testing: **AppPerfect, JMeter**
- Bug Tracking: **Bugzilla**
- Automated Functional Testing: **Selenium**
- Cross Browser Compatibility

Elegant MicroWeb Role

Collaboration between Elegant MicroWeb's QA team and client teams has facilitated implementation of quality assurance and testing processes for error-free delivery on continuous basis. With an innovative and quick approach, QA team at Elegant MicroWeb has worked with remote development and core product development teams on regular and consistent basis to define

workflow, documentation and processes based on industry standard practices. The test scenarios and test cases are developed in close consultation with client's team so that a stepwise process is meticulously adopted, and objective of engagement is achieved.



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The screenshot displays the DietBet website interface. At the top, there is a navigation bar with links for Home, Find Games, Create A Game, How It Works, and Testimonials. Below this, a main banner features a scale and a pot, with the text "YOU WON!" and "is a 4-Week Social Dieting Game". A list of steps is provided: 1. Create a game or join one, 2. The pot grows as players join, and 3. Whoever loses 1% splits the pot. A "Special Offer" banner encourages users to "START YOUR OWN DIETBET" and "Games Starting Soon". Below this, two game listings are shown: "Joe's" with a \$35 bet and 131 players, and "Fit2Fat2Fit" with a \$50 bet and 28 players. A "Games In Progress" section features "Blogilates Sweetember" with a \$25 bet and 4,723 players. At the bottom, there are promotional banners for "Coaches Club" and "Global Phenomenon", along with a "Sign up to Play Later" form.

Conclusion

Elegant MicroWeb has succeeded partnering with the client for more than two years now, and continuous, consistent and well-planned perusal with quality assurance and testing services has further strengthened the team efforts and collaboration to achieve the objectives. Both teams have streamlined the QA, release processes and workflow, and have ensured timely delivery and better user experience for both mobile and desktop users.

Client has achieved the desired objectives of seamless user experience and rollout on regular basis within their budget and has developed long term working relationship for dependable QA services.



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Contact Us

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