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CASE STUDY

PERFORMANCE TESTING 'DAILY DEALS' PLATFORM

About Client

One of India's leading media organizations and publishers of one of the world's largest circulated daily newspapers (more than 2.5 million copies daily), in addition to 40 other print publications, FM radio stations, Television stations and a strong online presence.

Their fast-growing online presence includes the region's largest read news and information portal, classified sites and a popular e-Commerce platform.

Business Need

- **Scalability:** Application must be able to support a very high number of concurrent users during the lightning deal.
- **Reliability:** Platform must scale rapidly to meet the business goals of attracting a larger user base.

Approach

Planning Phase

- Preparing test plan & strategies.
- Choosing the right testing tool.
- Finalizing the critical scenarios, workload design, test data, test scripts & design of scenarios.
- Test readiness review.

Environment Setup

- Setting up test bed as per the requirements.
- Involves different VMs setup, installation of tools, access to environment etc.,

Execution Phase:

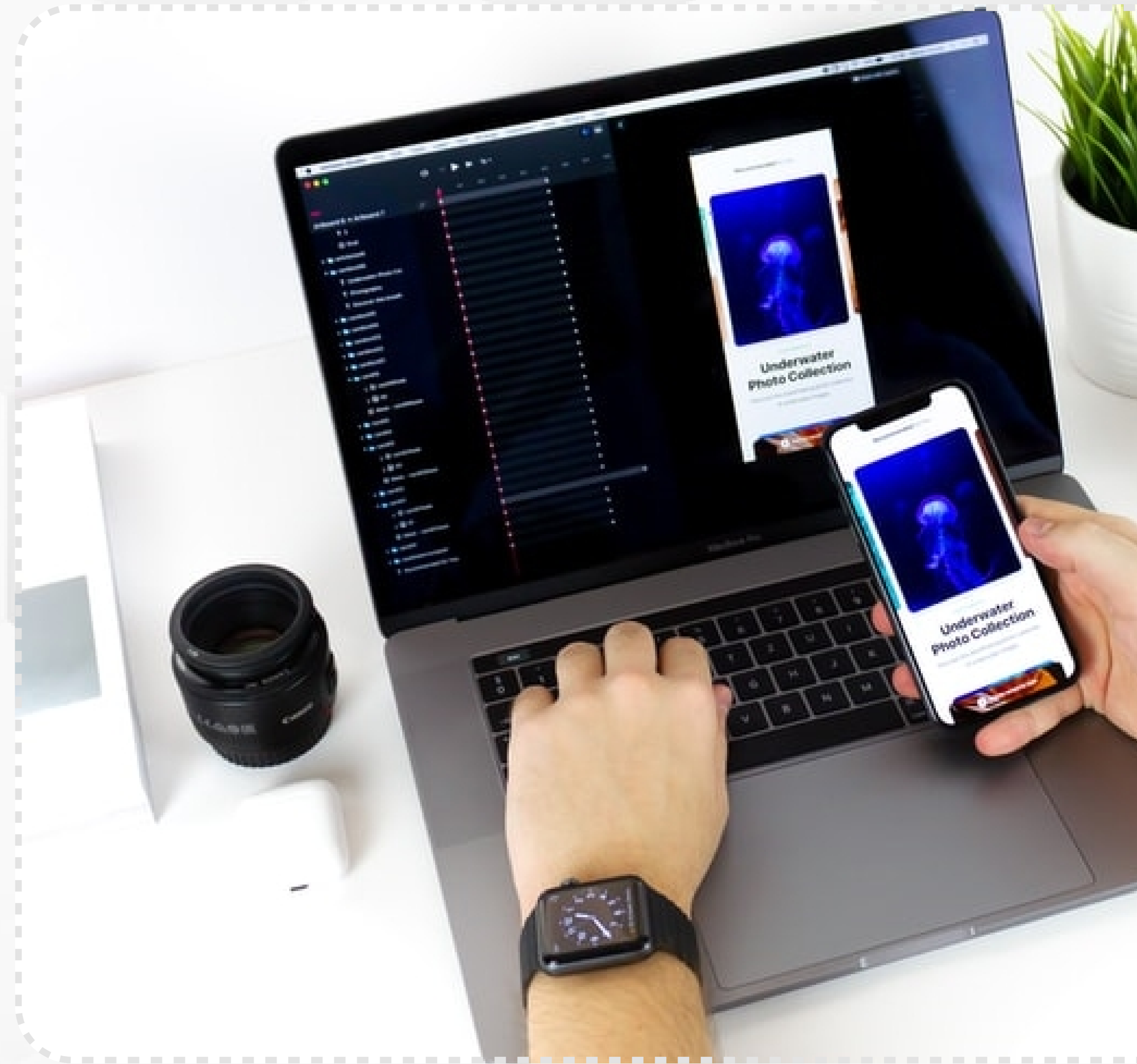
- Ramp up configuration for concurrency.
 - Configuration of listeners for test result.
 - Performance test scenario execution.
 - Analyzing the test results.
 - Identification of bottlenecks, breaking points of the application, number of users that can access the application without a heavy degradation of the user experience.
 - Generate performance analysis report with all the performance attributes of the application.
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Business Benefits

- No Tool licensing costs.
- Load test helped to identify the problems with auto scaling feature of current provider.
- Identified and fixed bottlenecks in the application which helped the customer to get good end user feedbacks.

Tool Used

- Apache JMeter



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