

Performance Testing of PurpleBricks Website Ensuring Full Functionality at all Load Times Minimising Reputational and Financial Risk



A Case Study

Case Study: Performance Testing for Purple Bricks Website



Background

Purple Bricks is an online estate agency, setup in 2014, which is changing the way that many people sell, let, buy and rent property. Their aim is to make the whole process easier and more transparent, as well as considerably cheaper, with a service that allows their customers to monitor their house sales online 24/7.

Challenges

An effectively working website is an essential component of the service that Purple Bricks offer, so they asked Testhouse for support with performance testing their new website to ensure it functioned properly and minimised their reputational and financial risks. The online estate agency needed to ensure that their site performed effectively, regardless of the level of traffic, and was responsive and stable during peak times. It was especially important that the initial release, which was being advertised heavily in their target regions, worked straightaway.

Solution

Purple Bricks already used Microsoft resources and services, so Testhouse recommended the use of Visual Studio web and load tools to generate the required virtual load. We also helped them make use of the free Azure time, which formed part of their MSDN benefits, to host their injector machines in the Cloud, alongside the application. We worked with their team to identify the key performance scenarios to ensure that the virtual load on the system would mirror real use when live. Testhouse delivered detailed performance test completion reports to Purple Bricks, including project conclusions and recommendations for future improvements.

Impact and Outcomes

- As a Microsoft Gold ALM partner, Testhouse were able to support Purple Bricks to use the tools and MS benefits they already had access to, and avoid incurring additional costs.
- We were able to highlight several areas where web & SQL performance needed improvement and worked closely to ensure that their website was released on time with no reported performance issues.

Testimonials

"Straightforward, practical, accommodating and logical. Testhouse proved themselves to be honest reliable partners who helped with the final preparations of our first UK rollout."

- CTO, Purple Bricks

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Testhouse is a thought and market leader in Software Quality Management, Application Lifecycle Management (ALM) and DevOps, providing on-site, on-shore and off-shore test services, either on-demand or outsourced, including consulting, software testing solutions and training globally, focussing on traditional IT, mobile, cloud and internet of things platforms. The expertise of Testhouse's 200 staff across four continents, our innovations and strong global partners ecosystem, which includes Microsoft, IBM and HP, provides the knowledge and solutions to fill the largest gap in the testing industry identified by business leaders: how to accelerate software delivery at optimal quality in the most cost effective way to meet their business priorities and their clients' needs. [Contact us](#) to know more about how our offerings can significantly improve your customer satisfaction levels.

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