Case Study: Testing the Smart city Transport solutions for the world’s largest automotive supplier

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BUSINESS REQUIREMENTS
- Integrated testing support for UI and API validations within the same automated framework.
- Automate the Test infrastructure setup for automated test executions.
- End-to-End testing of all the microservices involved.
- Server performance testing.
- Performance analysis of Kafka implementation.

OUR SOLUTIONS
- Incorporated the BDD based framework.
- Provision of functional test cases and ability to add automated tests.
- Automated infrastructure with installation, Server configuration, Auto populating DBs with different set of complex combinations of test data.

TOOLS / TECHNOLOGIES
- JAVA, Maven, Jbehave and thucydides.
- Selenium.
- Rest assured, Selenium.
- MySQL, MongoDB.
- Jmeter.
- Kafka.
- Android app testing.

BUSINESS IMPACT
- Completed all test assignments related to the 3 solutions in parallel.
- Careful evaluation of test strategy with relevant tools/technology aiding faster development process with good quality.

SOLUTION OVERVIEW

About Happiest Minds Technologies
Happiest Minds, the Mindful IT Company, applies agile methodologies to enable digital transformation for enterprises and technology providers by delivering seamless customer experience, business efficiency and actionable insights. We leverage a spectrum of disruptive technologies such as Big Data Analytics, AI & Cognitive Computing, Internet of Things, Cloud, Security, SDN-NFV, RPA, Blockchain, etc. Positioned as "Born Digital . Born Agile", our capabilities span across product engineering, digital, business solutions, infrastructure management and security services. We deliver these services across industry sectors such as retail, consumer packaged goods, edutech, e-commerce, banking, insurance, hi-tech, engineering R&D, manufacturing, automation and travel/transportation/hospitality.

Headquartered in Bangalore, India, Happiest Minds has operations in USA, UK, The Netherlands, Australia and Middle East.

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