

## Testing the Smart city Transport solutions for the world's largest automotive supplier

### 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 micro services 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



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 spans 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, automotive and travel/transportation/hospitality.

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