

**Quality Management Document**

***Indian Automobile Solutions***

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**Quality Management Document** 

# Purpose:

The purpose of the Quality Management Document is to describe how quality will be managed throughout the lifecycle of the project at Techfour Engineering Solutions. It also includes the processes and procedures for ensuring quality of the product developed by Techfour. All stakeholders should be familiar with how quality will be planned, assured, and controlled.

# Quality Control & Assurance Measurement Adopted by Techfour:

Our Quality Control Measurement involves step by step activities with a top-down approach. We

believe in identifying the root cause of the issues that we face while developing a product and fix

them as early as possible in order to produce the quality product within the stipulated time and

cost. We also involve Quality Assurance activities to ensure the

effectiveness of the development process that we are adopting to develop a software product.

Starting with the identification of enterprise business aim. Once

the areas of interest are identified, relevant measurement indicators, data elements & data

sources are documented for an actionable measurement program. We conduct process and

product reviews, and influence the resolution of corrective actions to ensure adherence to

documented processes Our approach provides the best business alignment as well as the

framework to optimize the operations. Techfour employees are committed to be

able to help develop quality measurement capabilities to monitor processes and products.

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# Quality Policy Adopted by Techfour

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“Techfour aims to achieve customer satisfaction by delivering solutions that meet customer needs”.

1. Implement well designed processes for ensuring the quality of all its products and services and improving them continuously.
2. Ensure that the products or services delivered meet customer requirements as well as statutory and regulatory requirements.
3. Integrate quality control and quality assurance activities into its software engineering processes.
4. Stress on building quality in its products and services by promoting error prevention through training, standards and checklists, tools, reuse and causal analysis.
5. Improve its processes, methodologies and techniques continuously by exploiting the evolving technologies to attain continuous improvements in its quality levels.
6. Implement workforce and solution delivery practices in line with the overall business framework to achieve strategic business objectives.



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# List of Quality Control Tools & Testing Facility Available:

Following tools are used in maintaining the quality of the products at Techfour.

1. Power- is used for issue tracking and project management.
2. Selenium- is a portable framework for testing web applications and it is mainly use for

automation testing.

1. Katalon Studio- is an automation testing solution. The software is built on top of the open-source automation frameworks Selenium, Appium with a specialized IDE interface

for API, web and mobile testing.

1. Google Sheets- is a spreadsheet program included as part of a free, web-based software office suite offered by Google.
2. Postman- Postman is the collaboration platform for API development. Postman simplifies each step of building an API and streamlines collaboration so you can create better APIs—faster.

