

Healthcare - consumer medical diagnostics

May 2018

Problem Overview

Our client is a consumer medical diagnostics company based in Silicon Valley. It seeks to provide diagnostic capabilities in a mobile environment to empower consumers with access to information about their own health, leading to a better quality of life.

- The client had planned to launch their product 'In-Home Urine Analysis' in EU countries. Therefore, it wanted to test it's mobile and web applications for EU GDPR compliance.
- The client also wanted to automate the manual testing tasks.

Service Provided

Following activities were performed for GDPR analysis

- Understand REGULATION (EU) 2016/679 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC (General Data Protection Regulation)
- List down articles mentioned in the Regulations point by point
- Understand client requirements, functionalities implemented, deployed system and the system architecture
- Identify functionality that has got impacted due to GDPR changes.
- Map article points against impacted functionality.

Following type of testing was been carried out

- Functional - Manual
- Functional - Automated

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- Exploratory
- Compatibility
- Regression

Key Responsibilities:

- Implemented test automation using the tool of client's choice.
- Design and perform Test Protocols and plans for the client.
- Exploratory Testing
- Defect reporting
- Defect retesting

Key Achievements

- The applications were GDPR compatible before the product was been launched in EU countries
- Test automation lead to accelerated product development cycle.
- High quality test execution reports were generated through automation

Key Benefits

- Significant reduction in cost and effort owing to test automation.
- Accelerated product development.