

интеллектуальной работы, позволяет увеличить тестовое покрытие, улучшает код за счёт увеличения тестового покрытия и применения специальных техник автоматизации, сокращает расходы компании на тестирование при определенных условиях.

Написанные автоматизированные тесты могут запускаться с помощью Jenkins или RIDE на любых подготовленных серверах параллельно. После окончания тестирования генерируется встроенный отчет с подробным списком тестов, а также описанием ошибок для упрощения анализа полученных результатов.

В основе разработки лежит идея автоматизировать процесс тестирования, используя наиболее популярные и простые инструменты, которые будут полностью удовлетворять потребностям компании, а также будут соответствовать всем необходимым требованиям. Robot Framework и Selenium WebDriver полностью соответствуют заявленным задачам и требованиям. Выбранные технологии имеют ряд преимуществ: повышение уровня абстракции тест-кейсов и возможность их адаптации для работы с разными техническими решениями, удобное хранение и понятный человеку формат данных и команд тест-кейса, возможность поручения описания логики тест-кейса сотруднику, не имеющему навыков программирования, максимальное устранение избыточности кода тест-кейсов, а также расширяемость (возможность добавления нового поведения тест-кейса на основе уже реализованного поведения).

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## **FUNCTIONAL OPPORTUNITIES OF APPLICATION FOR PRODUCT ORDERING FOR THE CORPORATE COMPANY**

Provision of services – the vendor's activities necessary to ensure the performance of the service. It is one of the most actual direction of activity now. In our world of the information revolution, people perform all their actions with the help of automated services. There are applications that cover all areas of human activity.

Automation service ordering – the best way quickly improves the quality and speed of service, the efficiency of resource use, reduce the time spent on various operations, perform effective accounting, control all aspects activity of the enterprise, eliminate all possible errors.

The service industry provides many different products. One of the most popular and in demand for today, is the delivery service of food. A separate niche in this area is the provision of services for corporate employees. Here

the client is a specific group of people with unique requirements and conditions for providing the service for each such corporate association. Providing a convenient service to order meals in the office is a prerequisite for the provision of corporate policy. The company must provide its employees with an automated system for ordering food, as well as afford access to this system to vendors who will provide the service. The vendor should receive a functional for the monitoring and management of orders, filling the product base. The user should get a convenient way to order lunch.

Based on the above, the software product implements the following functionality and capabilities: the possibility of authorization using the corporate SSO system; functionality for choosing a product or services (applying all kind of filters, searches and sorting, tagging); convenient ordering system, input of time and office of delivery; the ability to view the status of your order and the order history (evaluation of product quality, delivery and service); possibility of registration in the vendor-partner system; providing the vendor with a convenient tool for managing the work process; functionality for filling the vendor's account with products, working with the discount system for the user; using the product integration system (inclusion of the service in the general information infrastructure of the company); receipt and use of employee's corporate data in the system.

Therefore, there are many services for the provider of services, but each individual corporate company needs to create its own software solution that will conform to special requirements and corporeal culture. That's why a product was created that meets the needs of the customer company.

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## **DESIGN OF SYSTEM FOR AUTOMATING THE SERVICES ORDERING FOR CORPORATE COMPANY**

The project is based on the objective of creating a software product for automating the ordering of services for IT companies. For the application scenarios, the following roles and functionality were defined:

- Client. With the help of the system SSO gets access to the service, chooses the necessary product necessary and performs operations for the order.
- Vendor. He gets access to the part of the application that is responsible for managing orders, operations on products, discounts and other data.
- Employee of the vendor. Depending on the role, he gets access to his page, where he can perform a number of limited operations.