МИНИСТЕРСТВО НАУКИ И ВЫСШЕГО ОБРАЗОВАНИЯ  
РОССИЙСКОЙ ФЕДЕРАЦИИ

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**Отчет по лабораторной работе № 2**

Дисциплина: «Enterprise Systems Development (Методы проектирования и поддержки требований к программному обеспечению)»

Тема: «Use Case Scenarios»

Тип предприятия: **«**Automotive Dealer chain**»**

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**ЗАДАНИЕ**

**Use Case Scenarios**

Objective: To study the basic features for creating and editing scenarios for use cases

**Tasks**

1. Write scenario for each use case using template: use case name, actors, goal, short description, basic script, exceptions (if exist).

2. Complete scenarios with examples of documents to be created by your information system. For example, Bill in cafe, Internet invoice, Order in the online store, Medical services bill, etc.

**Task 1**

*Use Case 1*

**Use сase name:** Log in

**Actors:** Customer

**Goal:** Login to account

**Short description:** Customer fills out the login form to sign in an account

**Basic script:**

1. Customer click button “Authorization”
2. The user enters data: Mail, Password
3. Customer click button “Log in”

**Exception 1: Login or password is incorrect**

1. Customer is redirect to main page

*Use Case 2*

**Use сase name:** Registration

**Actors:** Customer

**Goal:** Create account

**Short description:** Customer fills out the registration form to create an account in the system

**Basic script:**

1. Customer click button “Registration”
2. The user enters the registration data: Name, Surname, Mail, Password
3. The system asks for permission to send information about promotions and great offers
4. Customer click button “Create account”

**Exception 1: This customer already exists.**

1. Customer confirm registration

*Use Case 3*

**Use сase name:** Registration for a test drive

**Actors:** Customer

**Goal:** Register for a test drive

**Short description:** A client signs up for a test drive of a car he liked

**Basic script:**

1. The user must log in to the system (register if there is no account)
2. The user selects the desired car
3. User clicks on "test drive" button

**Exception 1: This vehicle cannot be taken for a test drive**

1. User enters parameters: date, start time, duration

**Exception 2: This day / time cannot be taken for a test drive**

1. An alert appears that a dealership employee will contact the customer shortly
2. Information about the registration for a test drive is sent to the mail

*Use Case 4*

**Use сase name:** Registration for a car repair

**Actors:** Customer

**Goal:** Sign up for a car repair

**Short description:** The user selects the desired dealer and signs up for repair

**Basic script:**

1. The user must log in to the system (register if there is no account)
2. The user clicks on the button "Registration for repair"
3. The user enters information about the car: make, model, year of manufacture
4. User clicks on the "sign up" button
5. A notification is received that an employee of the dealership will contact the client shortly
6. Upon confirmation, information about the appointment to the service is sent to the mail

*Use Case 5*

**Use сase name:** Car selection

**Actors:** Customer, sales manager

**Goal:** Choose a car

**Short description:** The user selects a car according to the necessary criteria

**Basic script:**

1. The user clicks on the button "lineup"
2. The user selects the desired vehicle from the list of available vehicles. When searching, a filter can be used to search for a car according to the desired parameters

**Exception 1: No vehicle found with the specified parameters**

1. Provides information on the characteristics of the selected model and its availability in dealerships.

*Use Case 6*

**Use сase name:** Buying a car

**Actors:** Customer, sales manager

**Goal:** Order the right car

**Short description:** The client makes an online order for the desired car

**Basic script:**

1. The user must log in to the system (register if there is no account)
2. The user selects the desired car
3. The user clicks on the "online order" button
4. The user chooses: dealership, equipment and color of the car.
5. A notification appears that an employee of the dealership will contact the client as soon as possible to clarify the details of the order
6. When coordinating the order with the sales manager, a message with information on the order is sent to the mail.

*Use Case 7*

**Use сase name:** Update car

**Actors:** Sales manager

**Goal:** Обновить информацию об автомобиле

**Short description:** Менеджер по продажам редактирует информацию о наличии автомобилей определенной модели

**Basic script:**

1. The manager is authorized in the system
2. Selects the desired model
3. Presses the "Edit" button
4. To add a car, press the "Add car" button / To delete a car, press the "Delete car" button

*Use Case 8*

**Use сase name:** Add car

**Actors:** Sales manager

**Goal:** Добавить автомобиль в базу

**Short description:** Менеджер по продажам добавляет в базу информацию о наличии автомобиля определенной модели

**Basic script:**

1. The sales manager clicks the "Add car" button
2. Fills in data on a new car: Dealership, make, model, equipment, color
3. Presses the "Add" button to add a car to the database

*Use Case 9*

**Use сase name:** Delete car

**Actors:** Sales manager

**Goal:** Обновить информацию об автомобиле

**Short description:** Менеджер по продажам редактирует информацию о наличии автомобилей определенной модели

**Basic script:**

1. Sales manager clicks the "Delete car" button
2. Selects a car
3. Presses the "Delete" button to delete the vehicle from the databases

**Task 2**

An example of a document with order information

**Order ID: 12345**

|  |  |
| --- | --- |
| Order date | 12.03.2021 |
| Order status | The car is delivered to the center |
| Payment status | Prepayment made |
| Brand | Brand |
| Model | Model |
| Equipment | Comfort |
| Color | White Metallic |
| Price, rub | 1000000 |

An example of a document with information about a test drive

**Registration for a test drive №: 12345**

|  |  |
| --- | --- |
| Registration date | 12.03.2021 |
| Status | approved |
| Test drive date | 15.03.2021 |
| Test drive time | 12:00 |
| Brand | Brand |
| Model | Model |