**PROJECT DESCRIPTION**

The task of the final project is to develop a web application that supports the functionality according to the task variant.

**Variants**

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| **Taxi Service** | There are roles: "Client", "Administrator". The customer registers in the system and has the opportunity to place an order for a taxi, specifying the address of departure, destination, number of passengers and car category.  The taxi service has a fleet of drivers. The car has characteristics for capacity, category and can be: “available to order", "on route" or be inactive (located in the fleet without a driver).  The system calculates the cost of the trip depending on the distance and assigns the appropriate car among the available ones. If there are no suitable cars - the customer may be asked to cancel the order or use an alternative solution: - car with the required number of seats, but a different category; - several cars of the selected category to provide the required capacity. The system supports the loyalty program - a discount is calculated depending on the amount spent.  After the customer confirms the order, the system reports the waiting time.  The system administrator can view order statistics, sort: - by the date of order; - at the cost of the order and filter orders: - by clients; - by certain dates. |