For this web application the input information about the vehicle comes in the form of JSON format. This input document contains information about the position and the time spent on fuel. Based on these data, various output documents are constructed, such as graphs, charts, animations.

A. V. Usenkov (Fr. Skorina GSU, Gomel)
Scientific adviser **A. I. Kucherov**, senior lecturer

DEVELOPMENT OF AN INFORMATION PORTAL MODERNIZATION PROJECT

In all developed countries, leadership in the information sphere is defined as strategic superiority, which ensures priority in all other areas - economics, politics, culture.

Considering the current site of the enterprise, one can draw the following conclusions: the site is overly informative, since there is a lot of extra information that is not related to the activities of the enterprise. It is advisable to optimize the content of the site in order to give greater visualization. A useful option can be adding a consultative form where each client can leave a request for a service or providing information.

The tasks can be implemented using the JavaScript programming language. JavaScript was chosen because it is usually used as an embeddable language for programmatic access to application objects, widely used in browsers as a scripting language to give interactivity to web pages.

As a result of the work, functionality was considered, scenarios were described, a logical-informational data model was designed, and the project architecture was created. Possible construction options are also considered and the optimal solution to the problem is implemented.

The main roles are listed below:

- Admin. Manages clients and companies;
- User. Makes orders to companies;
- Company. Receive and process orders from the user.

The list below contains use cases that are considered important (Figure1):

- Make an order;
- Check order;
- Consultation;
- Changeorder.

РЕПОЗИТОРИЙ ГГУ ИМЕНИ Ф. СКОРИНЫ

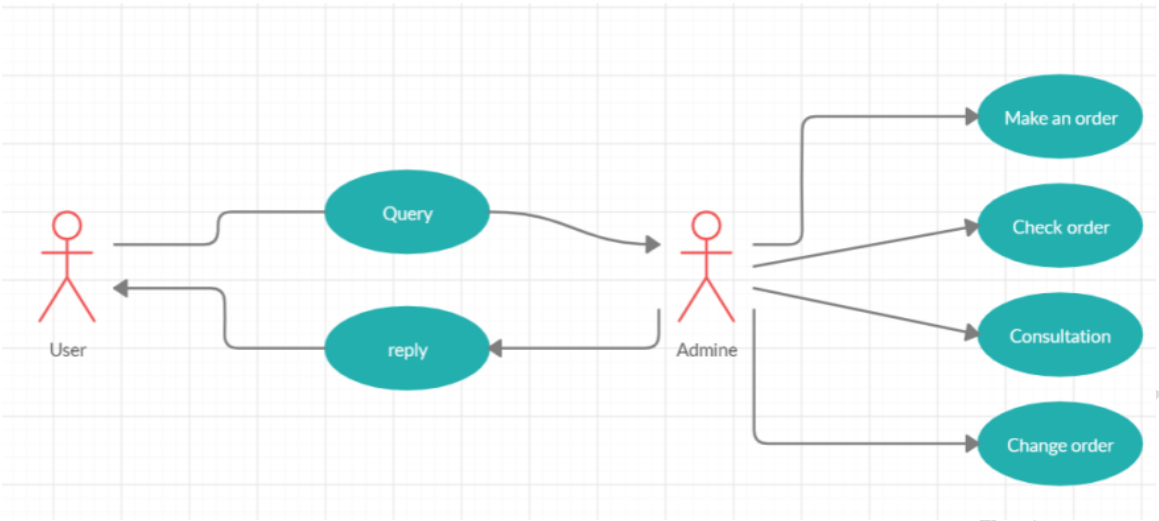

Figure 1 – Diagram of project use cases

Other use cases are also defined, but labeled for further research and details about the flow of events in the next iteration. These use cases include the following (Figure 2):

- Profile settings;
- Search information;
- List of services;
- Sending orders.

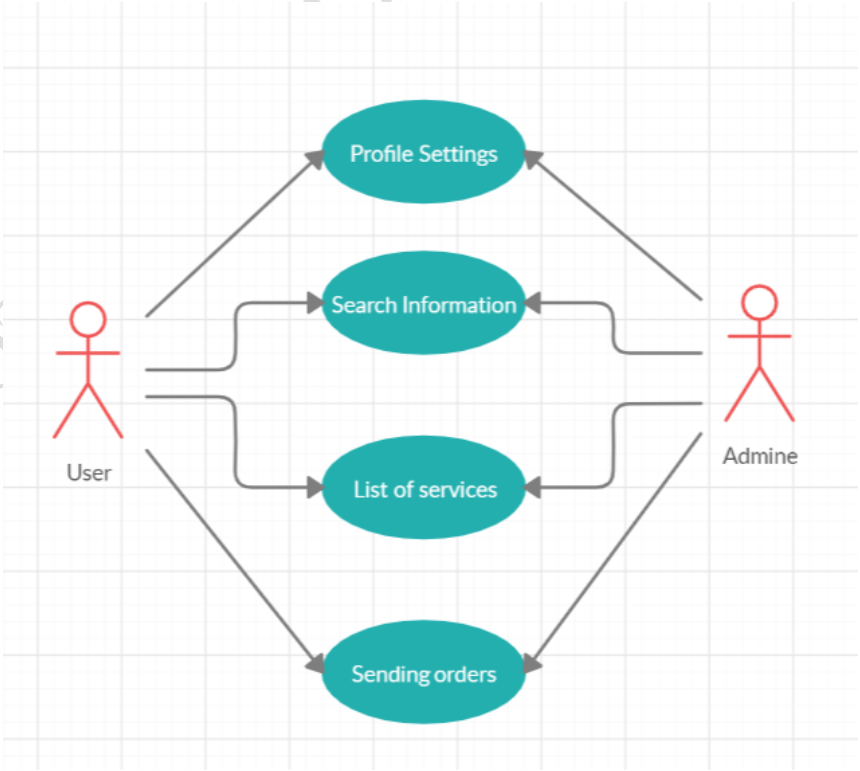

Figure 2 – Another usage pattern

The architecture of the project consists of several parts: administrative, user and server.

The administrative part is responsible for managing the project, namely, after registering the application, the administrator must check the information about the application and make a decision on allowing or rejecting the user and the application.

The user part is responsible for fulfilling orders, checking the list of companies, setting their parameters, leaving feedback, checking information about orders.

The server contains all the business logic of the site, as well as logic for authorization, processing input requests and database operations.

А. Г. Абрамов (ГГУ имени Ф. Скорины, Гомель)
Науч. рук. **В. А. Дробышевский,** ст. преподаватель

ЦЕЛИ И ЗАДАЧИ РАЗРАБОТКИ ПРОЕКТА ПРЕДСТАВИТЕЛЬСКОГО САЙТА ДЛЯ КАНАЛА «МИР», Г. МОСКВА

Представительский веб-сайт телеканала «Мир» был разработан в качестве новостного портала из деятельности телеканала. Он включает такие разделы как «Новости», «Фото», «Видео», «Филиалы» и «Программа». Веб-сайт выполняет свою главную функцию: представление компании, в частности телеканала, и её услуг.

Раздел «Новости» представлен набором сюжетов о важных событиях, касающихся современного общества. Новости публикуются на разные темы, среде которых медицина, политика, мировая экономика, культура, шоу-бизнес и др. Разработка этой рубрики осуществлялась с особым вниманием, поскольку несет важную информационную составляющую.

Раздел «Фото» – это коллекция фотографий, демонстрирующая последние интересные события в мире. Каждое фото сопровождается краткой подписью.

Раздел «Видео» включает видеосюжеты, которые раскрывают важные события в разных сферах мирового сообщества. В коллекцию включены сюжеты на тему «Спорт», «Политика», «Медицина», «Экономика», «Общество» и др.

РЕПОЗИТОРИЙ ГГУ ИМЕНИ Ф.СКОРИНЫ