**Description of the project.**

The project is implemented as a web application with user authorization functions, as well as an administrative page. The project implements the task of finding a route to move from one point to another.

The project implements modules:

1. Maintaining a database of settlements
2. Maintaining a database with train timetables
3. Maintaining a database of possible routes

**Module Settlements.**

It is necessary to implement: adding, editing, deleting a settlement, as well as page-by-page viewing of all available settlements. The settlement has only a name

**Train module.**

Implement adding, editing, deleting a train, as well as page-by-page viewing of all available trains. The train has a unique code (name), the beginning of the route, the end of the route and travel time in conventional units. There can be several trains from one point to another, but they must differ in travel time.

**Routes module.**

The user selects the starting and ending point of the route, and also indicates the maximum travel time. Also, the user can add any intermediate cities through which the route should run. It is loaded with routes suitable for the conditions. Each route should have a button that allows you to save this route by giving it a name. When looking for routes, you need to pay attention to the direction of the train.

**Conclusion of results.**

Route output is sorted by lowest travel time. Those. the route with the shortest travel time is displayed first. The description of the route should contain information about where and from where this route leads, travel time, and also contain a list of all trains that are on this route, indicating the train number, from where / where and travel time. If the route is not found, display the message - "There is no route satisfying the search conditions" If the specified travel time is less than the minimum route time, then the message "Travel time is longer than the one you selected. Change the time."

**Saved routes.**

There should be a separate page with routes view. The route can only be saved, viewed and deleted. You cannot edit a saved route.