МИНИСТЕРСТВО НАУКИ И ВЫСШЕГО ОБРАЗОВАНИЯ  
РОССИЙСКОЙ ФЕДЕРАЦИИ

федеральное государственное автономное   
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**Отчет по лабораторной работе №1**

Дисциплина: «Project Management   
(Менеджмент разработки ПО)»

Тема: **«Application»**

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Группа: 6233-010402D

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1. *Author's first, last name*

Minazov Artem

1. *Project Name*

«Online hotel booking system»

1. *Scientific part of the project*
2. Scientific objectives of the project

The aim of the project is to increase the efficiency of search and booking of rooms in hotels thanks to the system of a single global database of hotels with the necessary information about each of them.

The goal of the project will be achieved by creating a web application that provides search and booking of hotels.

1. Scientific objectives of the project

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1. Scientific novelty of the project

Most often, the user can view information about hotels in a generalized form. The developed application provides a 3D-tour mode, with which you can virtually view the selected hotel and get a visual representation of it. Information about the location of the hotel in the city, the surrounding area is available for viewing in the same virtual mode.

Currently, there are no Internet portals containing a 3D tour of the hotel and its surroundings. This leads to dissatisfaction of users when checking into a particular hotel, when the user does not receive the expected room or room.

1. *Commercial part of the project*
2. Application of project results, potential users

The results of the project will be useful to everyone who loves or has to travel to the cities of Russia: people who plan their vacation or go on business trips and business trips.

1. The Existing competitor's products

Internet services for hotel search and booking: Booking.com, trivago.ru, Hotels.com, Expedia.

1. Implementation Plan by stages, time of implementation, cost

*The first stage:* collecting information from each hotel, hostel and hotel about the available rooms, shooting the interior of the hotel and the surrounding area, because the system needs to add a 3D-tour. Registration of hotels acting as a landlord will be made at any time upon submission of the relevant application. Instant registration of the organization in the system is not provided. This is necessary in order to avoid false information*.*

Deadline: 3 months.

Number of employees: 3 employees.

3 employees, 5 days/week, 12 weeks, 8 hours, $8/hour => 3\*5\*12\*8\*8 = $11520

Stage budget: $ 11520.

The second stage: structuring and cataloguing the results.

The deadline is 1 month.

Number of employees: 3 employees.

3 employees, 5 days/week, 4 weeks, 8 hours, $9/hour => 3\*5\*4\*8\*9 = $4320

Stage budget: $ 4320.

The third step: creating a web application.

Deadline: 6 months.

Number of employees: 8 employees.

8 employees, 5 days/week, 24 weeks, 8 hours, $7/hour => 8\*5\*24\*8\*7 = $53760

Stage budget: $ 53760.

The fourth stage: adding data, translating and formatting materials.

Deadline: 1 month.

Number of employees: 3 employees.

3 employees, 5 days/week, 4 weeks, 8 hours, $9/hour => 3\*5\*4\*8\*4 = $4320

Stage budget: $ 4320.

The aim of the project: web application with database of hotels in all big cities of Russia.

Total project duration: 1 year

Total project budget: $73920.