МИНИСТЕРСТВО НАУКИ И ВЫСШЕГО ОБРАЗОВАНИЯ  
РОССИЙСКОЙ ФЕДЕРАЦИИ

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**Отчет по лабораторной работе №1**

Дисциплина: «Project Management

(Менеджмент разработки программного обеспечения)»

Тема: **«Составление проекта для инвестора»**

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**ASSIGNMENT**

To come up with a project. Imagine that this is an application for an investor who needs to be persuaded of the success of the project. Project should have some scientific part. Duration of the project is not more than 2 years (before reaching financial self-sufficiency). The budget of the project is not more than $30 000.

Application contains the following info:

1. Author's first, last name
2. Project name
3. Project scientific part
   1. Scientific objectives of the project
   2. Scientific novelty of the project
4. Project commercial part
   1. Project results application, potential consumers
   2. Existing analogs, competitors
   3. Implementation plan by stages, time to implement, cost

**APPLICATION**

**Author's first, last name**

Nikolay Artamonov

**Project name**

Development of an aggregator of entertainment places with a built-in system of recommendations and an advertising platform.

**Project scientific part**

**Scientific objectives of the project**

The goal of the project is to create a quick tool for collaborative data filtering.

The goal of the project is the universal open source tool that provides recommendations based on collaborative filtering of thematic data.

**Scientific novelty of the project**

Most recommendation services use closed-source commercial code. Also, such services are not universal.

The proposed project is conceived as an easy to set up universal tool for deploying your own service on almost any subject that provides recommendations to users.

**Project commercial part**

**Project results application, potential consumers**

The service provided is not just an application with a recommendation system. This is a whole customizable platform that is very easy to use. Even an ordinary administrator can customize the service to fit his needs. The scope of application is limitless. Employees of bars, libraries, sections will be able to customize this service in a convenient paid studio with a user-friendly interface.

**Existing analogs, competitors**

Recommendation web-services. For example internet portal www.kudago.com

**Implementation plan by stages, time to implement, cost**

*First stage:* Writing a demo version of the platform and studio. 2 months

Number of employees, skills: 1 full-stack developer; 1 data-scientist.

2 employees, 5 days/week, 8 weeks, 8 hours, $6/hour = $3840

Stage budget: $3840

*Second stage:* Release the first version of the product. Continued development. Attracting customers through a one-month free trial period of use. Self-PR on sites for developers. 2 months

Number of employees, skills: 1 full-stack developer; 1 data-scientist; 1 PR-manager.

2 employees, 5 days/week, 8 weeks, 8 hours, $6/hour = $3840

1 employee (PR-manager), 5 days/week, 8 weeks, 8 hours, $5/hour = $1600

Stage budget: $5440

*Third stage:* Continuing development. Collecting feedback from the first customers. Finalization of the application. Testing a running service in production. 2 months

Number of employees, skills: 1 full-stack developer; 1 data-scientist; 1 PR-manager; 1 tester

2 employees, 5 days/week, 8 weeks, 8 hours, $6/hour = $3840

2 employee (PR-manager, tester), 5 days/week, 8 weeks, 8 hours, $5/hour = $3200

Stage budget: $7040

*Fourth stage:* Continuing development. Collecting customers. Including discount to customers who using more then ten licenses for studio. 3.5 months

Goal: Project free floating.

Number of employees, skills: 1 full-stack developer; 1 data-scientist; 1 PR-manager; 1 tester

2 employees, 5 days/week, 6 weeks, 8 hours, $6/hour = $5760

2 employee (PR-manager, tester), 5 days/week, 6 weeks, 8 hours, $5/hour = $4800

Stage budget: $10560

**Total time duration: 9.5 months**

**Total budget: $26880**