**School of Electrical Engineering, Belgrade**

**Principles of Software Engineering (SI3PSI)**

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GoldenView

Specification of the use case scenario of comparing companies

Version 1.0

Team Terminal

Contents

History of changes 3

1. Introduction 4

1.1 Summary 4

1.2 Purpose of the document, and target group 4

1.3 References 4

1.4 Open questions 4

2. Scenario of comparing two companies 4

2.1 Description 4

2.2 Flow of Events 5

2.2.1 User successfully compares two companies 5

2.2.2 *Invalid input fields* 5

2.2.3 *Failed to deliver the message* 5

2.2 Special requirements 6

2.4 Prerequisites 6

2.5 Consequences 6

# History of changes

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| --- | --- | --- | --- |
| Version no. | Date of release | Description | Author |
| 1.0 | 23.3.2023. | Initial version | Jovan Jovanović |
| 2.0 | 8.4.2023. | Fixed defects stated in the formal review done by team Psiledžije. | Jovan Jovanović,  Aleksandar Radenković |
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# Introduction

## Summary

Defining the use case scenarios on how the users can compare company stocks and predict which one is more favorable, with examples of the corresponding website pages included.

## Purpose of the document, and target group

The document is intended to be used by all members of the project team involved in developing and testing the project and may also be used in writing user manuals.

## References

* Project
* Guidelines for writing functional scenario specifications

## Open questions

No open questions currently.

# Scenario of comparing two companies

## Description

A streamlined webpage equipped with the capability to compare two user-selected companies, using a range of collected parameters, and then provide the user with a clear indication of the more favorable option.

## 2.2 Flow of Events

### 2.2.1 User successfully compares two companies

1. The user, by clicking on the Compare companies button in the menu, opens the Compare companies page of the website.

2. This page contains two inputs, where the user types in the names of the companies they want to compare. It also contains a list of checkboxes of parameters that they can choose from, these parameters will be used to determine what actually is important for the user when they are looking at stocks of the companies. After filling in this information they press the Compare button.

3. The system validates that the names of the companies are valid and that at least one parameter is checked.

4. A brief information about which company is more favorable is shown to the user.

### 2.2.2 *Invalid input fields*

If the system notices that the entered company name is not valid or that zero parameters are checked, it displays an error message indicating the problem.

### 2.2.3 *Failed to deliver the message*

If the comparing was not done for any irregular reason (server error for example), then the system will give the user a notification to try again later.

## Special requirements

This functional requirement must be tested thoroughly since it should show information (such as which company stock is more favorable) that is critical in helping users financially benefit.

## 2.4 Prerequisites

User must be logged in.

## 2.5 Consequences

None.