netEval

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**Software Requirements Specification**

**Document**

**Version: 0 Date: 1111111**

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**בלה בלה בלה**

# **1. Introduction**

## 1.1 Purpose

This Software Requirements Specification provides a complete description of all the functions and specifications of the software network evaluation.

The expected audiences of this document are the advertisers, the network’s owner and the developers.

## 1.2 Scope

המטרה של הפרויקט היא לפתח תוכנית שתתן הערכה של רשת חברתית. שם התוכנית יהיה netVal. המשתמש יוכל לטעון לתוכנית מסד נתונים והאלגוריתם שלה יחשב כמה הרשת שווה על בסיס המידע. מטרת התוכנית היא לתת הערכה עקבית ויציבה. מפרסמים יוכלו לדעת מתי כדאי להם לפרסם את המוצר שלהם ובעל הרשת יוכל לדעת מתי כדאי למכור את הרשת.

## 1.3 Definitions, Acronyms, and Abbreviations.

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| --- | --- |
| **Term** | **Definition** |
| netEval | Network Evaluation |
|  |  |

## 1.4 References

לשים פה משהו

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## 1.5 Overview

# This document has three main parts. The first part providing a full description of the project. The second part shows system environment and functional requirements. In the last part, there is more detailed explanation of requirements and non-functional requirements.

# **2. The Overall Description**

אולי נרחיב /נשנה טיפה

We seek to build a flexible and user-friendly tool for the analysis and visualization of a social network in the Java language.

This project targets primarily the owner of the network and advertisers who want to invest in the network.

This project (netEval) lets the user to construct a visualization of a network and it lets the user to load a network of various kinds with the option to modify it. The program will evaluate how much the network is worth and will present it to the user.

The program can compute all the basic network properties, such as graph diameter, radius, distance between two vertices, shortest path, eccentricity of a vertex, the total number of members, groups, traffic in the network, and how long each user spends in the network every day.

Furthermore, the program lets the user to present the network graphically. The user can filter data as he would like.

## 2.1 Product Perspective

There are no popular related products of netEval.

### **2.1.1 System Interfaces**

### לא יודע עדיין

### **2.1.2 Interfaces**

לרשום מה יש בממשק, כלומר מה יש בגוי

### **2.1.3 Hardware Interfaces**

לא יודע

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### **2.1.4 Software Interfaces**

לא יודע

### **2.1.5 Communications Interfaces**

לא חושב שיש לנו

### **2.1.6 Memory Constraints**

צריך לבדוק כמה ראם התוכנה תקח

### **2.1.7 Operations**

לא יודע

### **2.1.8 Site Adaptation Requirements**

לא חשוב שאנחנו צריכים

## 2.2 Product Functions

להסביר על האלגוריתם שמחשב את הערך של הרשת

## 2.3 User Characteristics

Any user familiar with network analysis and basic concepts of using a personal computer is normally able to use the program. As a result, no specific requirements are affected by the user’s characteristics.

## 2.4 Constraints

## The most important limitation for using this program is the amount of RAM and CPU speed rates. In addition, the number of nodes and the complexity of the graph that will be displayed is also limited by the resolution of the screen.

## 2.5 Assumptions and Dependencies

## 

לא יודע כרגע

## 2.6 Apportioning of Requirements.

לא יודע אם צריך

# **3. Specific Requirements**