Software Requirements Specification

for

Sale Opportunity

**SOP Systems**

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Revision History

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| --- | --- | --- | --- |
| **Name** | **Date** | **Reason For Changes** | **Version** |
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|  |  |  |  |

# Introduction

## Purpose

מטרת המסמך

## Document Conventions

In this document topics are listed numerically, every new topic start with big bold font headline and every subtopic start with smaller bold font headline.

## Intended Audience and Reading Suggestions

The intended audience of this document are the client and the development team, the project will be supervised by the project guider.

בעלי עיניין, צוות הבדיקות, לקוחחות, סוכני נסיעות

## Product Scope

The software will provide an adjusted management system to the users of the company,

the Travel agents will have efficient and organized way to manage and access the company data base, And the clients will have an easy and wide functionality user experience.

## References



*SRS template.*

# Overall Description

## Product Perspective

4 שורות בערך

למי המערכת בנויה מי ישתמש בה, למי יהיה יותר קל? איך נקל על הלקוח?

איך המערכת בנויה, להבין מה קורה בתכלס

**clients**

**Travel agents**

**system**

**packages**

**transictions**

## Product Functions 2.2.1. Add a package

The travel agent will have the ability to add a package to the data base.

### 2.2.2. delete package

The travel agent will have the ability to remove a package from the data base.

### 2.2.3. Track orders

Tracking and sorting orders performed by customers

### 2.2.4 change order status

***2.2.4.1 by agent***

The travel agent will have the ability to change status of an order

***2.2.4.2 by client***

The client will have the ability to cancel an order.

### *2.2.4.* *Order management*

### The agent will have the ability to change the quantity of packages and watch in real time at the updates.

### *2.2.5.* Contact

### Absorption of all details for a contact request

### *2.2.6.* menu

### *2.2.6.1* agent menu

### The agent will have a customized menu.

### *2.2.6.2* client menu

### The client will have a customized menu

לכתוב את הפונקציות לפי מה שהלקוח דרש!

## User Classes and Characteristics

There will be two kinds of user's classes agent and client. The agent will have access to all the software features. client will have a more limited number of features. The additional features of the agent are packages management.

## Operating Environment

The system runs on Microsoft Windows 7/8/10 versions 86x and 64 bits.

## Design and Implementation Constraints

מגבלות – החברה תצטרך לרכוש ענן כדי שלקוחות יוכלו לגלוש יחד, איזה דברים החברה תצטרך לקיים החברה כדי שהמערכת תוכל לפעול כראוי

שומרים לוקאלי והמגבלה תיהיה גודל הענן.

## User Documentation

The user will receive a manual detailing the functionality of the software.

באיזה דרך הלקוח יקבל מידע מדברים על החברה.

## Assumptions and Dependencies

Our assumption that employee Database will be received from the HR department in ‘.txt’ file which the program will assign 'LOG IN' details of all company agents.

The file will be as follows: First name, Last name, Password, Role. (all on different lines) employees separated by '$' sign

The database includes details of access for each user such as Employee & Manager stated by Role.

אפשר להוסיף – ברגע שהתבצעה האשראי יש אישור לעסקה.

# External Interface Requirements

## User Interfaces

The software will have basic menu bar with options, one for agents and one for the clients. - TBD

See the prototype presentation (style may differ from the final product).

## Hardware Interfaces

The application requires a monitor and working computer with OS installed.

## Software Interfaces

The application will have access to data base that was written by a third-party software program (in a .txt format).

The interface is as shown in the prototype.

## Communications Interfaces

Communication with human resources databases to transfer data into the software.

# System Features

## Description and Priority

לדרג לפי חשיבות של פיצר

הוספה או הסרה של חבילה

הוספה או הסרה של לקוח

* The clients will be able to leave a message to reserve a certain package.
* The agents will be shown processing orders.
* The agents will be able track and recommend packages for potential customers.
* The client will be able to see the availability of the package and how many are left.
* לא שמענו ממך,מה שלומך.? לשלוח תזכורת

### Stimulus/Response Sequences

* There will be an option to rate each package- TBD.
* The software will show recommended packages for the client.
* The client will be able to search packages by different categories (price, location , ect..).
* Clients will be able to see previously searched packages- TBD.

### 4.3Functional Requirements

מה קורה ברגע שכל פיצר מתבצע

The user’s workflow will closely follow the sequence of actions shown in the Flow Chart (see Appendix B) be it Employee or Manager.

The error messages will appear as result of incorrect input in each field and briefly explain the error.

* Clients who are yet to be registered will be asked to login to access certain actions.
* Error messages will show for wrong details entered.
* Packages without any quantity left will not be available to order.
* Problems with server overload will be dealt with – TBD
* Entering overlapping details will not be accepted and will give out an error message.

4.2

איזה כפתורים המשתמש צריך להכניס כדי להתחבר למערכת – יביאו אותי לפיצר של החיפוש. איזה שלבים צריך לעשות כדי להגיע לשם.

# Other Nonfunctional Requirements

## Performance Requirements

פרטים אודות זמן הפעילות של המערכת – כמה זמן ייקח למערכת לעלות? מה קורה אם המערכת נופלת? דרישות המערכת לאיך היא תפעל בתכלס. היכולות שלה.

## Safety Requirements

מה קורה ברגע שלקוח הזמין מוצר אך לא ביצע תשלום? האם הוא יישמר?

מה קורה אם יש הפסקת חשמל לאן כל המידע הולך?

## Security Requirements

איך אני מגנה על המערכת שלי ? לוודא מול דטא את השם משתמש והסיסמה שהכונסו.

איך אני חושב שאני הולך להגן על המערכת שלי

## Software Quality Attributes

* The product will be available to every agent of the travel agency company.
* The product is easy to use.
* The software is compact.
* The software is reliable and updated bug fixes.

## Business Rules

* Only a travel agent can change the prices and accesses to all the available packages.
* The client has no ability to access other customer's details and will only be able to see his details and orders.

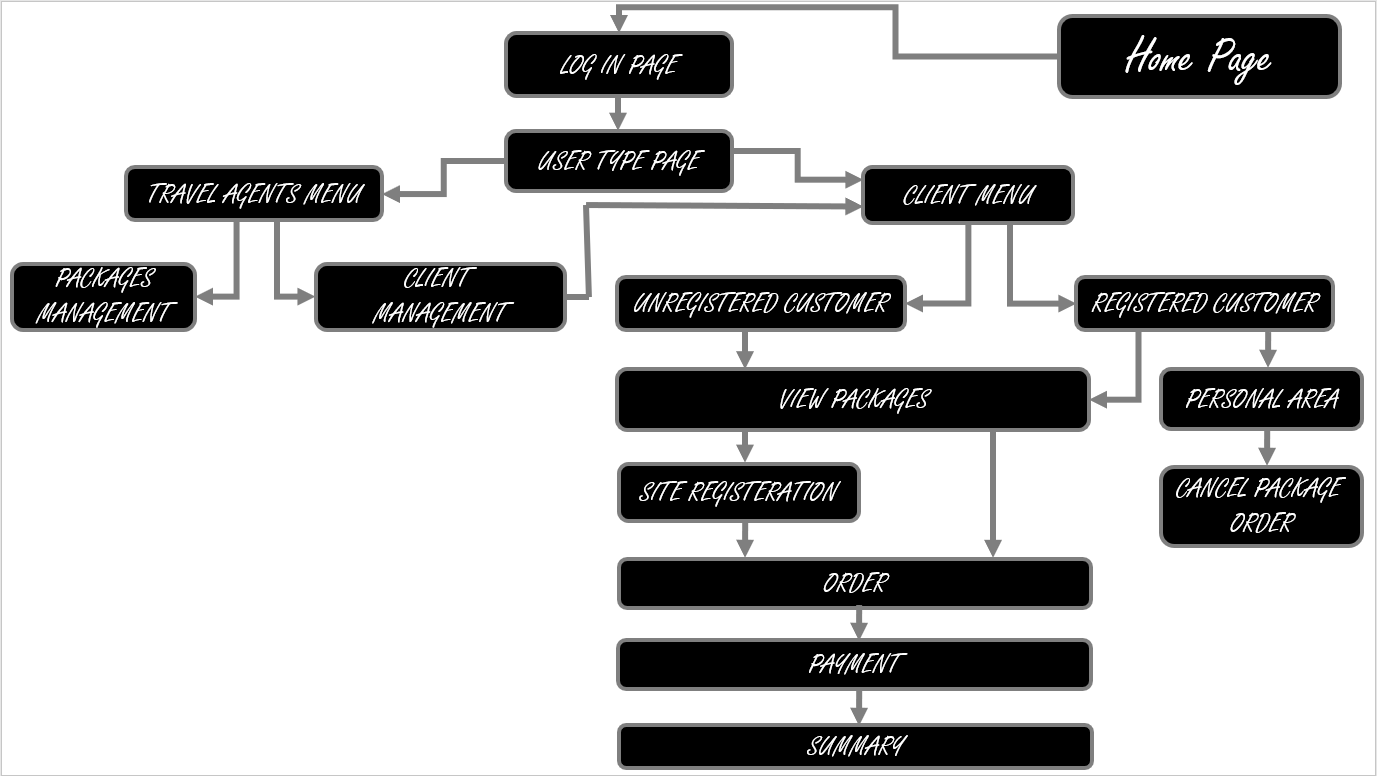
# Other Requirements

## Appendix A: Glossary

* SRS – Software Requirements Specification
* OS – Operating System
* HR – Human Resources
* RAM – Random Access Memory
* TBD – To Be Defined

**להוסיף את הדירוג של הפיצרים**

**Appendix B: Analysis Models**

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**Appendix C: To Be Determined List**

* Problems with server overload.
* Rating system on packages.