

Feasibility description

For administrative and user platform



VG TU

Mobile Shopper Guide

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Contents

Section 1.	Overview	1
1.1	Purpose	1
Section 2.	Feasibility description.....	2
2.1	Need analysis.....	2
2.2	Technical feasibility	3
2.3	Schedule feasibility	3
2.4	Legal feasibility	4
2.5	Market feasibility	5
Section 3.	Glossary	6
Section 4.	Revision History	7

Section 1. Overview

1.1 Purpose

The purpose of this document is to describe all feasibility study of the system “Mobile Shopper Guide” administrative and user platform. This document is intended to use by system analyst and business analyst.

Section 2. Feasibility description

2.1 Need analysis

2.1.1. Purpose and scope of the study

The needs of the users are defined and the analysis whether portal is computable is done.

2.1.2. Description of the situation

The user wants that the portal will be developed at the end of the may 2008. For the evaluation of the product there are 1,5 year.

The purpose of the portal is to create a web page where user could login and enter his needed information, such as create a new shop or comment. While latter on entered information should be transferred to the mobile phone to the users of the mobile map.

The portal mainly will be concentrated on the web platform.

An administrative and user portal will be stored in internet in the easy to remember web address.

Administrative and user portal will have web standards as defined in W3C documentation.

The portal must be user friendly and possible to work with.

2.1.3. Problem and requirements

The new portal should be created and tested by the user and corrected if there will be a need.

As the system does not exist, there is not possibility to enter a data by shop keeper to the system. It is the main problem and the purpose for the portal creation.

2.1.4. Objectives of the new system

The new working and correct portal should be developed.

2.1.5. Possible alternatives

All needed data can be entered do not using administrative and user portal. It can be done by creating DB where DB programmer could enter all needed information directly. After all data would be entered, a letter will be sent to the shop keeper.

2.1.6. Recommendations

User friendliness should be evaluated and the thorough and detailed documentation for the SRS should be established.

2.2 Technical feasibility

2.2.1. Purpose and scope of the study

The purpose of the study is to capture available technology for SG portal development, to consider about human, software and hardware resources.

2.2.2. Description of the present situation

The maintenance of the portal requires Apache and SQL servers. Both servers can be installed on the same computer. For the portal development no special hardware is needed, only ordinary computer. The following software is needed for the portal maintenance and development: Apache server software – it is freeware software so there will be no problem, SQL server – this software will be funded by university. Some browser – it is freeware software so there will be no problem. PERL will be used for programming dynamic web pages – it is freeware software too. Human resources contain experience in programming with PERL, JAVA, HTML and simple SQL selects. For the implementation of the portal it is enough.

2.2.3. Problem and requirements

It would be much faster to create the portal using Dreamweaver software, but it is not a freeware and trial version it is not enough to create it. The best choose for creation of the portal is ASP or PHP programming language, but there is no human resources, how would know how to work with them and it is not enough time to study. The same situation is with java scrip.

2.2.4. Objectives of the new system

A new portal must be created using the hardware, software and experience which is available.

2.2.5. Possible alternatives

ASP, PHP or java scrip programming language can be used.

2.2.6. Recommendations

To start development from preparation of the hardware, this will allow maintaining the portal.

2.3 Schedule feasibility

2.3.1. Purpose and scope of the study

In this feasibility the questions of schedule will be discussed, such as how much time is left and when the portal can be delivered.

2.3.2. Description of the present situation

There is 1,5 year for gaining needed experience and developing the portal. Also there is a need to buy more advanced computer in which it will be possible to load two servers. Also this time

involves documentation writing and testing the portal. To gain needed technical experience during lectures it will take about 1 year and the portal building should be performed at the same time as the studding process. The delay of the development of the portal may cause the delay of evaluation of the master thesis.

2.3.3. Problem and requirements

It is hard to study and to do the portal at the same time as then it may contain lot of errors, which to correct can take lot of time.

2.3.4. Objectives of the new system

To build working portal in 1,5 year.

2.3.5. Possible alternatives

To take 1 year only for studies and to build a portal just during 0,5 year.

2.3.6. Recommendations

Start studding now! ☺

2.4 Legal feasibility

2.4.1. Purpose and scope of the study

To describe contracts, liability, violations of the portal this will be implemented.

2.4.2. Description of the present situation

There are no contracts, which will be needed for the portal development as the creator is strongly motivated in creating it. The created portal should have copy writes; no body can create a copy of the portal without the permission of its owners. This created software will be freeware.

2.4.3. Problem and requirements

As the portal is created for the University and it will be stored in the library DB it will be problem to protect copy writes.

2.4.4. Objectives of the new system

To create the portal does not using contracts, only using verbal deals.

2.4.5. Possible alternatives

Do not establishing copy writes.

2.4.6. Recommendations

The best thing in protecting copy writes is to write then down in the portal.

2.5 Market feasibility

2.5.1. Purpose and scope of the study

In this feasibility the benefits should be evaluated.

2.5.2. Description of the present situation

As the creator of the portal do not require the payment for the creation he only seeks for the evaluation of the master thesis, so the befit should be a good evaluation of the paper.

2.5.3. Problem and requirements

To do best in order to get best ☺

2.5.4. Objectives of the new system

To create the portal and to get evaluation

2.5.5. Possible alternatives

Not good evaluation of the portal.

2.5.6. Recommendations

To work hard.

Section 3. Glossary

SRS – software requirement specification

DB – data base

UI – user interface

SG – shopper guide

SyDD – system design description

Section 4. Revision History

Identify changes to the SRS.

Version	Date	Name	Description
1	2008-05-03	Egidija Charzevskyte	Creation of the document