**kashpi.com**

Screening

Technical Design Document

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# Introduction

* 1. Purpose

The purpose of this document is to outline the technical design of the online flowerpots trading and provide an overview for the web trading implementation.

* 1. Scope

This document identifies the tools, technologies and design patterns to be used web trading kaspi.com. The Web Site Design outlined in this document builds upon the scope defined in the Requirements phase.

## 1.3 Document Organization

* **Introduction –** short simple introduction about the purpose of this document.
* **General Description -** describe the general purpose of the project. Provides information about product perspectives, product functions, user character etc.
* **External Interface Requirements -** basic description about the user interface.
* **Functional Requirements -** describes the functional requirements to the product

# General Description

## 2.1 Web Site Appearance

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Terms of Delivery

Contacts

Products

Home Page

* **Home Page -** provides short description about the company.
* **Products -** gives customer access to all the products.
* **Terms of Delivery -** describe all the conditions about the delivery.
* **Contacts -** provides to the costumer information for contact to the seller.

## Product perspective

Kashpi.com must be an e-commerce website. End users must only need a conventional web browser in order to use the website. The interface must be easy to use and order products. The website should be visualized in one language only – Bulgarian. Software provider must implement options for managing the website multilingual in the future - translation field should be added in the website administration panel.

## Product functions

* Removes the human factor in ordering goods

When an order is placed, the customer chooses the delivery address and the characteristics of the product. This eliminates the possibility of human error in the beginning of the ordering process.

* Reduces order documentation on paper

The order is placed and acknowledged online. Paper work is reduced drastically which is eco-friendly.

* Better company organization

Notifications for orders will be transferred to the people in charge of product placement. Thus the placement process becomes easy to be monitored and controlled.

* Unifies the product information

Marketing managers often give different information for company products. Thus customers receive unified information and the company reduces the negative result of aggressive marketing managers.

* Reducing costs for entering new products

Company marketing managers will no longer be obligated to present new products to each and every customer. The website will inform a range of clients with a single action.

## User characteristics

The website users will be of any age. They are interested in placing an order or asking questions about product specifics. They will be ordering products for themselves or as a gift.

## General constraints

* The website must be developed, tested and approved during the time period as specified in the contract
* The project must be completed according to the client requirements, placed and managed according to contract
* The client should approve functionalities, which are not specified in advance and exceed budget
* The website must be available 24/7

## Assumptions and dependences

These are the project assumptions:

* The client owns the required hardware equipment.
* The client’s stuff has minimal knowledge for using the internet.

If the assumptions are not satisfied, the project should be implemented after stuff training.

# External Interface Requirements

**The web site should :**

* provide a information about the company.
* gives to the costumer information about current promotions.
* allows the customers to choose from the entire range of products
* provides all the products in various categories for costumer convenience.
* provides a shopping cart tool for costumers convenience.
* gives full terms of delivery to the costumer.
* gives a contact information with the seller.

## 3.1 Home page

At the home page the customer should find a information about the company and its activities, current offers and newest products.

## 3.2 Products :

* Catalog - containing all products.
* Flowerpots - containing flowerpots type products.
* Pots with irrigation system - containing product pots with irrigation system.
* Pots with lights - contain pots with lights products.
* Other pots - containing other type of pots.
* Accessory - containing accessory products for pots.

## 3.3 Terms of Delivery

The costumer should find all the steps and conditions for the delivery so the costumer and the seller be satisfied.

## 3.4 Contacts

Contains the address of the company, phone, email, work time, and a map for the costumer convenience.

# Functional Requirements

**Provides effective product choice:** gives to the customer opportunity easy to choice any product. The products are shown by name and image. The site keeps information about previous viewed products to facilitate the customer with the choosing.

**Click on product:** after a choosing product the customer can easy open and get full information about it only by one click. The customer can see all possible colors and sizes of the product. It can see full size image by click on the small image. Provides detailed information about the price ordered by the product size.

**Choosing product details:** the customer can choose from desired product details (color and size) and can order desired quantity. The site provides an opportunity to go to shopping cart tool and execute the order or leave the chosen product in shopping cart tool and continue shopping.

**Shopping cart:** provide to the customer information about the order (product name, price, quantity). Gives the opportunity to change or remove products and order.

Product

Catalog

Home Page

Shopping cart

Flowerpots

Products

Pots with irrigation system

Send Order

Terms of Delivery

Pots with lights

Contacts

Other pots

Accessory

# USE CASES

**Use case 1.** Home page

**Pre Condition**: Installed browser and active internet connection.

**Main Scenario:**

1. User initiates browser.
2. User specifies web address for accessing the kashpi.com.
3. User access to kashpi.com home page.

**Unexpected scenario:**

1. Error 404.

**Use case 2.** Products page

**Pre Condition:** Opened kashpi.com home page.

**Main Scenario:**

1. User click on Products button.
2. User access to kashpi.com products page.

**Unexpected scenario:**

1. Access denied
2. Open incorrect page

**Use case 3.** Terms of Delivery page

**Pre Condition:** Opened kashpi.com home page.

**Main Scenario:**

1. User click on Terms of Delivery button.
2. User access to kashpi.com Terms of Delivery page.

**Unexpected scenario:**

1. Access denied
2. Open incorrect page

**Use case 4.** Open kashpi.com Contacts page

**Pre Condition:** Opened kashpi.com home page.

**Main Scenario:**

1. User click on Terms of Delivery button.
2. User access to kashpi.com Terms of Delivery page.

**Unexpected scenario:**

1. Access denied
2. Open incorrect page

**Use case 5.** Open kashpi.com Contacts page

**Pre Condition:** Opened kashpi.com home page.

**Main Scenario:**

1. User click on Contacts button.
2. User access to kashpi.com Contacts page.

**Unexpected scenario:**

1. Access denied
2. Open incorrect page

**Use case 6.** Open products catalog

**Pre Condition:** Opened kashpi.com Products page.

**Main Scenario:**

1. User clock on Catalog button.
2. User access to kashpi.com Catalog page.

**Unexpected scenario:**

1. Access denied
2. Open incorrect page

**Use case 7.** Open product

**Pre Condition:** Opened kashpi.com Catalog page.

**Main Scenario:**

1. User clock on product name or picture.
2. User access to kashpi.com to the chosen product.

**Unexpected scenario:**

1. Chosen product do not open.
2. Open different product.
3. Nothing happen.
4. Error 404.

**Use case 8.** Buy product

**Pre Condition:**

1. Opened product.
2. Chose color.
3. Chose size.
4. Click on buy button.

**Main Scenario:**

1. Open Shopping cart.
2. User click on send order.

**Alternate scenario:**

1. Continue choosing products.

**Unexpected scenario:**

1. Shopping cart is empty.
2. Kashpi.com don’t do the order.