**Software Requirements Specification**

**Product – BLOG PLATFORM**

# Introduction

## Purpose

This document provides a functional overview of a web based Blog platform that has to support the development and test planning processes of this project. Its goal is to present the scope, the basic content and the main functionalities that are supposed to be developed.

## Scope

The scope of this project is the creation of a blog platform with its main sections and sub sections, content, functionalities and design.

## Out of scope

On this phase of development we will not aim the integration of our product with other external systems as affiliation systems, commercials, payment gateways, etc. The categorization of the blog posts in separate topics, the restriction requirements and user agreements, detailed user profile attributes are also not in this scope.

## Overview

The rest of this document contains the overall description of the blog platform and the specific requirements for the system.

# Overall Description

## Product Perspective

The blog platform will provide the possibility to all internet users to share their thoughts, knowledge, feelings and concerns. It will be absolutely free platform with no restrictions upon age, gender, race, country or religion. It should be user friendly and easy to use.  
The economical purpose of this product is to gain popularity, big number of commercials and wide network of affiliate collaboration.

## Product functions

### Offers personal blogging profile:

Every registered user is able to create personal blogging profile with user name, password and personal details.

### Offers personal blogging space:

Every registered user is able to create a blog topic and content and share them to the world.

### Offers the possibility to comment publications:

Every user can add a comment to any publication.

## Constraints

**The following are the constraints:**

* The project must be completed within the budget
* The project must be completed within a specified period of time.
* The system should be up 24/7.
* The system should enforce user authentication security and guarantee reliability.

# Specific Requirements

## Blog platform architecture and content:

### Authentication screen:

* Background – picture, slide etc. - MODAL FOR ALL PAGES
* Login section – pop-up:
  + Username
  + Password
  + LOGIN button
* Registration section – pop-up
  + Username
  + Password
  + Confirm password
  + Email
  + Full name
  + Profile picture
* Support contacts and development team details – MODAL FOR ALL PAGES

### Main navigation screen

#### PROFILE section

##### Edit profile pop-up

* + Old password
  + New password
  + Confirm new password
  + New email
  + New profile picture
  + New full name
  + SAVE CHANGES BUTTON

##### Log out – navigates back to the authentication page

##### User’s picture field

#### HOME section

#### ADD POST section

* Title field
* Description field
* Content
* Tags
* ADD POST button

#### ALL POSTS

* 4 windows with short versions of the first 4 posts are shown
  + title - clickable – opens the whole content of the chosen post
    - LEAVE A COMMENT
      * Name
      * Email
      * Comment
      * ADD COMMENT butto
  + author – clickable – shows all posts posted by the author
  + READ MORE button - opens the whole content of the chosen post
    - LEAVE A COMMENT
* Pages number counter – shows 4 posts per page. Clickable

## Product main functionalities

### Registration and authorization

1. **Registration**. Users’ personal profile information input.
2. **Login**. Login to the platform with the created profile.
3. **Change password**. User is able to change the login password.
4. **Logout**. User leaves the platform

### Posting activities

1. **Create post.** User creates a personal blog with topic, short description and content
2. **Tags.** User is able to specify searchable keywords

### Read and comment

1. **Read.** Users are able to read other users’ posts
2. **Search.** Search by keywords/tags
3. **Comment.** Users are able to leave comments to their own or other people’s posts

## Functional Requirements

We describe the functional requirements by giving various use cases.

*Use cases related to System Authentication:*

*Use Case №1:* Login  
*Primary Actor*: User  
*Pre Condition*: Installed browser and active internet connection   
*Main scenario*:

1. User initiates browser
2. User specifies web address for accessing the CRM
3. User gives the login and password ( refer to next chapters section “User Screens” )
4. System does authentication
5. Activity Stream is displayed

*Alternate scenario:*  
 4.1 Authorization fails – wrong username/password  
 4.1.1 Prompt the user that he typed the username/password wrong  
 4.1.2 Allow him to re-enter the username/password  
 4.2 Authorization fails – forgotten username/password  
 4.2.1 Prompt the user to enter his registered email  
 4.2.2 User receives an email with instructions about his login credentials