StartUp Portal

Design Specification

StartUp

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1   Introduction

1.1   General Information

This specification describes the layout, functions and implementation concepts of the Startup Portal (SUP).

The SUP provides users with convenient tools to found startups, find investors for user's startups and become an investor of existing startups.

The core of the SUP is a Java application and a SQL (MySQL) database.

The app has been built according to Model-View-Controller architecture pattern, utilizing "Spring" and "Hibernate" frameworks.

As a frontend "jsp" technology was used.

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2   Scope of Functions

2.1   Core Functionalities

The solution presented in this document offers the user the following core functionalities:

- Registration of users
- Edit personal information
- Found a startup
- Delete a startup
- Edit of startup details
- Invest into Startup
- Delete investment

Operations restricted by type of logged in user's role.

There are two types of roles in the system: USER and ADMIN. All mentioned functions are available for ADMIN as well as for USER with only restriction that any specific USER can modify data related to this specific USER only.

2.2   Navbar

Each page of the site contains a navigation bar at the top.

Figure 2.2-1:   Navbar. No user logged-in view

Figure 2.2-2:   Navbar. Regular user logged-in view

Figure 2.2-3:   Navbar. Administrator logged-in view

Navbar provides user with possibility of fast navigation through the site.

Buttons description:
- My page – leads to logged-in user page
- StartUps – leads to main page with all start-ups currently existing.

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- Users (ADMIN only) – leads to users management page
- Registration – leads to registration page
- Login – leads to login page
- Logout – logs out currently logged-in user.
- About us – leads to site developers information page

2.3   Login/Registraion pages

Registration page allows users to register themselves in the system.

Figure 2.3-1:   Registration Page view example

There are few restrictions:
- username – must be over 4 and less than 16 symbols length
- password – must be over 4 and less than 32 symbols length
- password and confirm password – must be the same

In case at least one restriction is violated user get back to the registration from and warning messages appear next to corresponding field.

Figure 2.3-2:   Login Page view example

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2.4 Main Page

Main page shows all start-ups that are currently in the system.

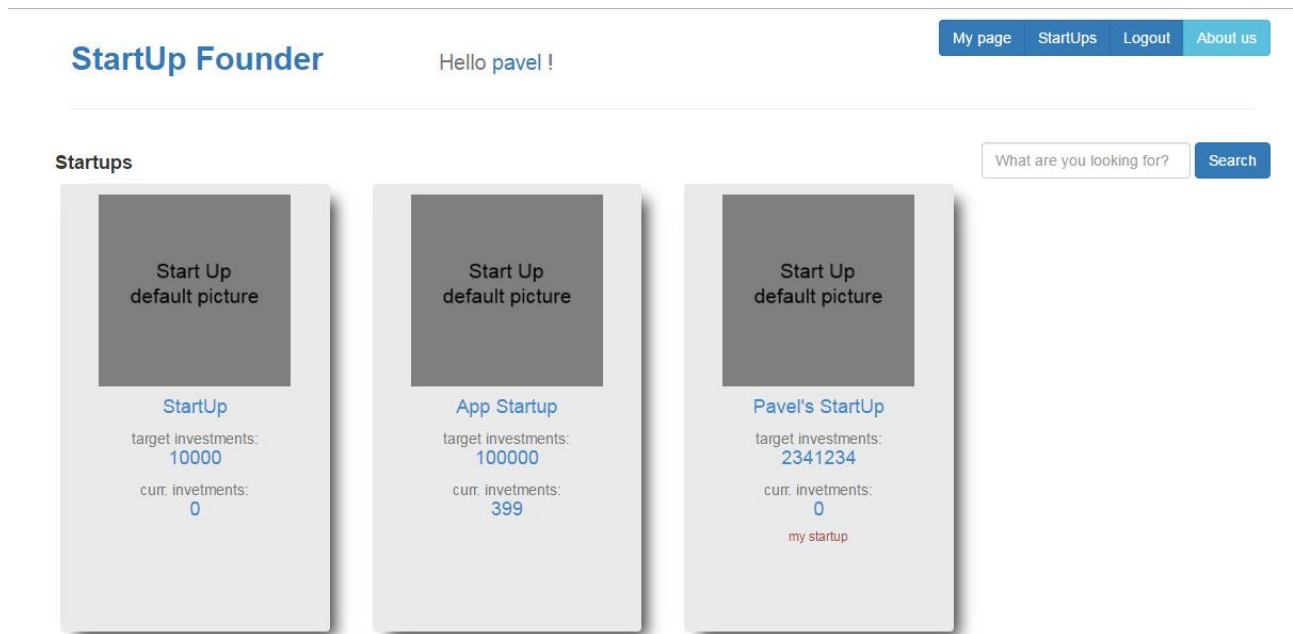Search through these start-ups is available. It considers names of the starups and their descriptions.

Figure 2.4-1:   Main Page view example

Startups tiles are clickable. Click on a startup forwards you to the startup details page.

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2.5 Startup's details page

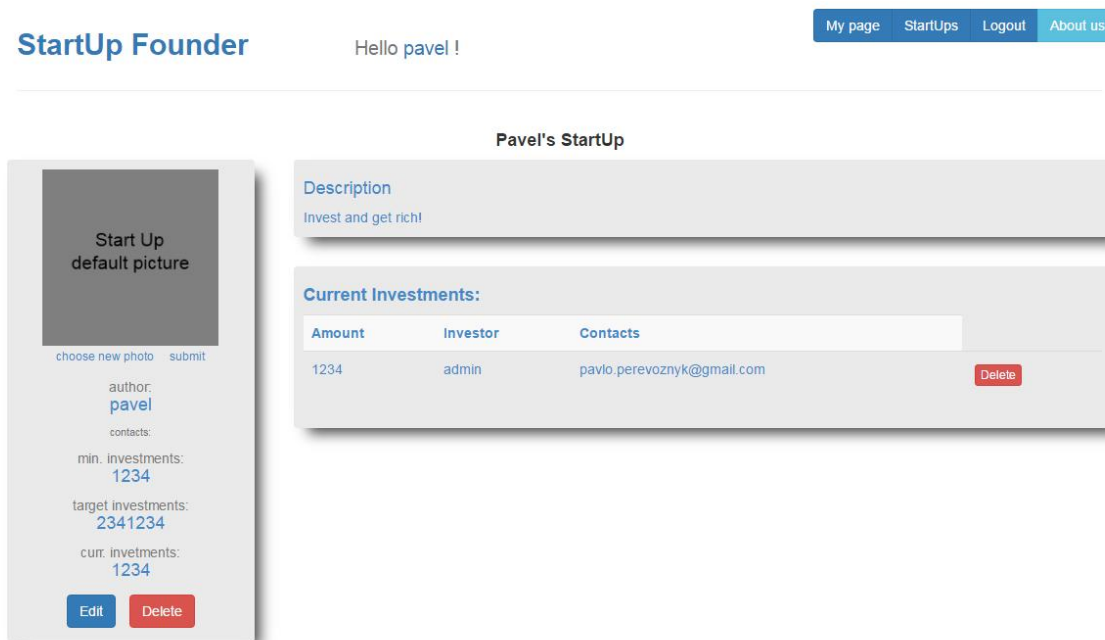On a startup's detail page one can find all information about the startup.

Figure 2.5-1:   StartUp's detail page view example

On the left side one can see startup's picture. It is possible to upload your own picture. In order to do this one needs to click on "choose new photo" text under the default picture, select picture from browser, click "submit".

All the data of the block is self-explanatory. Buttons "Edit" and "Delete" edit and delete startups correspondingly.

On the top of the right side one can find full description of startup.

On the bottom of the right side one can find all investments were done to this particular startup.

2.6 My Page

"My Page" is available for logged-in users. It contains all the user-related information and allows to edit it and the most important thing – it has "Add StartUp" button which make possible creation of new startups.
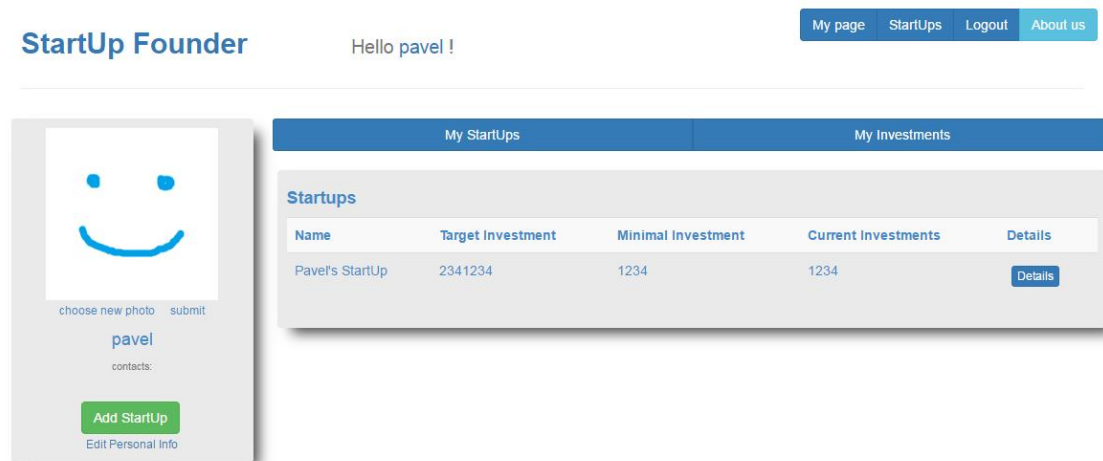
Figure 2.6-1:   User's personal page view example

On the left side one can find user's personal information, like photo (changeable) and contacts.

"Add StartUp" button forwards user to startup's creation page (following sections).

"Edit Personal Info" text is clickable, leads to personal info modification page.

On the top of the right side are two buttons, which toggle between "Startups" and "Investments" view.

When "Startups" view is active, all the user's start-ups are listed in a table.

When "Investments" view is active, all investments were done by the user are listed in a table.

2.7   Add Startup Page

Creation of a startup page.

Figure 2.7-1:   Startup creation page view example

The page and action available on the page are self-explanatory.

2.8   Edit User's Personal Info Page

The page allows user to change personal info such as "username" and contacts.

Figure 2.8-1:   User's Personal Info edition page view example

"Change Password" is clickable, it leads to a password change page.

2.9   User's Password change Page

On the page password change is available.

Figure 2.9-1:   User's Password change page view example