# System Functions

## Create accounts

-Description: SOC allows you to create account for both our customers and the startup owners. At the start page, user should decide whether to enroll as a customer or a startup owner. SOC offers two different forms for each kind of user.

-Inputs: Customers should provide their name, e-mail, and phone number. Startup owners should provide the startup’s name, kind of service, e-mail, location in details (Format: building number, street, district), Google maps link, national ID, working hours and images.

* Output: The page as a user or owner according to the input information.
* Pre-condition: entering a valid data.
* Post-condition: database is established with a record for the user.

## Startup page

-Description: The Startup page contains information about the startup. Moreover, the owner can check the reviews of the customers.

-Input: owner’s email and password.

-Output: startup page is opened.

-pre-condition: entering a valid data

-Post-condition: database is established with a record for the owner.

## 

## Filter startups

-Description: SOC offers categories for users to choose from, after the user choose his/her district, the results will be filtered

-Input: choosing the wanted category.

-Output: The results shown to the users will be filtered according to their choices and preferences.

-Pre-condition: User must be logged in to the website.

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## Set promo codes

-Description: This allows the owner to set the number of promo codes per day, and how much for each user, and the user can get one once he visits our website and the promo code is available.

-Output: getting the discount.

-Pre-condition: logged in as a user.

-Post-condition: number of the promo codes the user used saved in the database

## Give a feedback

-Description: SOC provides some questions as MCQ, at the end there is a textbox for the users to express their opinions about the places or the events they attend.

-input: the answer of the questions and comments in the textbox

-Output: showing the feedback as comment on the page

-pre-condition: logged in as a user

-post-condition: the feedback will be saved in the database.

**User profile**

-Description: It displays his/her visited places, general info as: name, e-mail, phone number and city.

-Input: E-mail and password as a user.

-Output: Home page will be viewed.

-Pre-condition: Entering valid data.

-Post-condition: Database is established with a record for the user.

**Display the highest recommended startup:**

-Description: Highly recommended startups have the privilege to be at the top of search results which will increase the popularity of this startup.

-Pre-condition: User must be logged in.

-Output: The places will appear in order from the highest to the lowest recommendation.

**About**

This Page mentions the aim of SOC, year of establishment, the founders and other general information about the website.

-Input: clicking on the about button

-Output: page with about information of the website.

-Pre-condition: searching for the SOC website.

**Recommendation**

-Description: They can recommend startups. The number of recommends hits will be displayed on the page. Ones with highest recommendation numbers will be shown at the top of the search result. And because startup can be good, very good or excellent, recommend won’t be enough to describe the excellence of a startup rather than another one. SOC provides cloud rating.

-Input: hitting the button.

-Pre-condition: logged in as a user.

-Post-condition: saved in the database to calculate automatically the total recommendation for the place.

**Rating**

-Description: Because startup can be good, very good or excellent, recommend won’t be enough to describe the excellence of a startup rather than another one. SOC provides cloud rating. Which is 5 clouds the user rate the place by clicking on the clouds from 1 to 5

-Input: Clicking on the the clouds

-Output: total rate after

## Place of the day

-Description: The website displays a place that is highly rated as the place of the day. This place changes daily and another place with high ratings gets the title and replaces the previous one.

-Input: just logging in to the website as a user.

-Output: place of the day will show up in all pages.

## Edit

-Description: User can make changes in his name, e-mail, phone number, and password

-Input: The new data

-Pre-condition: logged in as a user.

-Post-condition: The new entered data will be saved in the database.

## Sorting

-Description: The user can find his wanted place in two ways, first one by recommendation where the places will be ordered from the highest to the lowest recommendation, the second way by location where the places will be ordered from the closest to the farthest according to the user location.

-Input: the wanted place.

-Pre-condition: logged in as a user.

-Output: the wanted places in order.