**Requirements**

**Functional**

- Any person could register in to the system by filling up a form and so become "a user". This is obligatory in order to use the system. The registration process includes creating a username and a password for each user.

- A user who wants to use the system will need to fill in a username and password in order log in to the system.

- A user should be able to log out of the system.

- A user should be able to place an ad for property/room for rent.

- Users should be able to add photos to their ads.

- Users should be able to enlarge photos to watch them.

- A user should be able to search the ads according to his preferences (area, price etc.)

- A user, who is interested in a property, can add himself as a "follower" to that ad (bookmarking).

- A user should be able to filter the followers according to their visible data and to his/her preferences.

- Users should be able to schedule an appointment for seeing a property through the system.

- A user should be able to select which of his personal data will be available to other users.

- Users should be able to rate one another for reliability.

- The system should be able to alert users about new, relevant ads.

- The Application must include a map, on which all the available properties will be presented.

- Users should be able to send each other messages inside the system.

- The system should allow the user to send emails: either by connecting to the users mail application or through an integrated email system.

- The system should be able to send important messages (i.e. someone is interested in an ad, someone has set an appointment etc.) to its users by email.

**Non-functional**

Product requirements:

- System should work on every OS and with every browser.

- Photos quality should be good.

- Ads could be placed in German, French and Italian.

- No two users could have the same username.

- The registration process should not take (for the average user) longer than 3 minutes.

- logging into the system (once username and password had been typed in) should not take longer than 3 seconds.

- The System shall have an availability of 999/1000 or 99% (This means that out of every 1000 requests for a service, 999 must be satisfied).

Organisational requirements:

- The system must store all the users and adds in a data base.

- The system should be usable by people from all over Switzerland.

- The first release of the system (version 1) must be ready by November 5th.

- The second release of the system must be ready by December 3rd.

External requirements:

- Users should be able to access their personal data and adds at any time to inspect and edit it.

- The users' personal data should be well protected.