

# Project Requirements

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**Project Name: StudiHome**

**Team:** 6

**Costumer:** Bledar Aga

## Revision History

Version	Date	Revision Description
0.01		
0.02		
0.03		
0.04		

## 1 Introduction

### Purpose

- The aim of this project is to create a platform where rooms in shared flats and whole apartments can be rented and advertises.

### Stakeholders

- StudiHome Inc. (CEO Bledar Aga)

### References

- wgzimmer.ch
  - Communication between advertiser and student.
- students.ch
- tutti.ch

- immoscout24.ch
  - Search
  - List of favorites
  - Property alerts
- homegate.ch

## 2 Overall description

### Actor characteristics

- Advertiser
  - Shared flat looking for room mate(s)
  - Landlord renting flat
- Student
  - Searching for room in shared flat
  - Searching for flat

## 3 Requirements

### Functional requirements

- Login
  - Name
  - Valide mail address
- Advertisement
  - Rent
  - Room/Apartment size
  - Number of current inhabitants
  - Address
  - Expiration date (can be prolonged)
  - Pictures
  - Description (free text)
  - Area map
  - Target group (Age, gender ...)

## Non-functional requirements

- Only one account per user
- No difference between student and advertiser account
- Usable on mobile devices and computers (autoscaling)

## 4 Use cases

### Contacting Advertiser

- Actors
  - Advertiser
  - Student
- Description
  - Student is interested in advertisement and wants to contact advertiser to arrange visite.
- Trigger
  - Student clicks “interested button” an advertisement
- Pre-conditions
  - Student is logged in.
  - Advertisement is open (not closed or expired)
  - Student and Advertiser have valid email addresses
- Post-conditions
  - Interest is displayed in web app for advertiser
  - Advertiser receives notification email
  - Advertisement is marked as “i’m interested”
- Main Scenario
  - Students clicks “interested” button
  - Advertiser receives notification

### **Advertiser invites student for visit**

Actors Student Advertiser Description Advertiser wants to arrange visits with students who are interested in his advertisement Trigger Advertiser receives notification (See other use case) Pre-Condition Advertisement is open Notification email was received Post-Condition Student receives invitation email message is marked as “invited” (Advertiser) “doodle” is generated Doodle has expiration date Main Scenario Advertiser receives notification email logs on and sees, who’s interested in his advertisement select message select time slots for visite click “send” email is send to student message is marked as “invited”

### **Advertiser writes message to student**

Actors Advertiser Student Description Advertiser wants to send a message to an interested student Trigger Advertiser receives notification (See other use case) Pre-Condition Advertisement is open Notification email was received Post-conditions Student receives notification mail Student receives message (in web app) message is marked as “responded to” (Advertiser) Main Scenario Advertiser receives notification email logs on and sees, who’s interested in his advertisement select message writes new message click “send” email is send to student message is marked as “responded to”

### **Other possible use cases**

- Generate Advertisment
- Close/take offline/Prolong Advertisment
- Change Advertisment
- Register account
- Ranking for interested students (Advertiser) Promising students
- Ranking for interesting advertisements ? (Student) -> “Private Ranking and listing”
- Searching advertisments (Student) Has to be logged in
- Set alarm according to certain search criterias (student) -> notification by mail