

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
 - Advertiser logs on and sees, who’s interested in his advertisement
 - Advertiser select message ...
 - ... and select time slots for visite
 - Click “send”
 - Notification 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
 - * Advertiser logs on to web app 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 Advertisement
- Close/take offline/Prolong Advertisement
- Change Advertisement
- Register account
- Ranking for interested students (Advertiser) Promising students
- Ranking for interesting advertisements ? (Student) -> “Private Ranking and listing”
- Searching advertisements (Student) Has to be logged in
- Set alarm according to certain search criterias (student) -> notification by mail