

Requirements

Functional –

User Management

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| Title: Registration | R. number | 1 |
| Classification: functional | | |
| As a user I want to have a "sign up" option so that I can sign up to the system. | | |

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| Title: Register as a renter | R. number | 1.1 |
| Classification: functional | | |
| As a renter I want to sign up to the system so that I can advertise the apartment I want to rent. | | |

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| Title: Register as a Student | R. number | 1.2 |
| Classification: functional | | |
| As a student I want to sign into the system so that I can rent an apartment through the system, make reservations, criticize the renter, etc. | | |

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| Title: Login | R. number | 2 |
| Classification: functional | | |
| As a user I want to have a "sign in" option so that I can login to the system. | | |

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| Title: Username | R. number | 3 |
| Classification: functional | | |
| As a user I want to have an option (in addition to the password), to enter a username so that I can be represented in the system with my private name. | | |

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| Title: User Type | R. number | 4 |
| Classification: functional | | |
| As a user , while signing up for the system I want to be able to choose my user type so that I can sign up as who I am. (For example, if I am a student, I don't have the functionality and options of a renter). | | |

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|--|------------------|---|
| Title: Password Strength | R. number | 5 |
| Classification: functional | | |
| As a user , at registration I want the system alert me if my password is strong or weak so that I can best protect personal information. (A strong password will contain at least 8 characters, letters, numbers and at least one capital letter. | | |

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| Title: Forgot password | R. number | 6 |
| Classification: functional | | |
| As a user I want to have an option "forgot password" button so that I can log in even if I forgot my password. | | |

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|---|------------------|---|
| Title: Student registration - only upon presentation of ID | R. number | 7 |
| Classification: functional | | |
| As a system administrator I want to students be able to sign up for the system only by presenting a valid student card so that other people and student from other collages cannot sign up for the system. | | |

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|---|------------------|---|
| Title: Link to the Student Union website | R. number | 8 |
| Classification: functional | | |
| As a student I want to have a link to the student union so , if I don't have a student card or if the card expires, I can access details about issuing a new card quickly. | | |

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| Title: Logout | R. number | 9 |
| Classification: functional | | |
| As a user I want to be able to switch accounts and logout of the system so , if a friend\someone else wants to log in to the system from my computer, they will be able to connect to the system. | | |

Home Page Display

Student View

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| Title: View all housing units on the student's homepage | R. number | 10 |
| Classification: functional | | |
| As a student I want that all housing units to be featured on the homepage so that I can see all the options I have. | | |

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|---|------------------|----|
| Title: Communication with the renter | R. number | 11 |
| Classification: functional | | |
| As a student I want next to each housing unit on homepage, the renter's name and his cellphone number so that I can communicate with him easily. | | |

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|---|------------------|------|
| Title: Communication by Email | R. number | 11.1 |
| Classification: functional | | |
| As a student I want to have renter's email next to the contact details so that I can communicate with him in another way if he isn't available on the cellphone. | | |

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|---|------------------|----|
| Title: Photos of the housing unit | R. number | 12 |
| Classification: functional | | |
| As a student I want to see photos of the housing unit next to each housing unit on homepage so that I can know if I like it. | | |

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| Title: Details of the housing unit | R. number | 13 |
| Classification: functional | | |
| As a student I want to see more details of the housing unit, like the number of rooms, living room areas and if there is a garden or balcony next to each housing unit on homepage so that I can know if it suits me. | | |

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| Title: Monthly Price | R. number | 14 |
| Classification: functional | | |
| As a student I want to know the monthly price that the renter asks so that I can know whether it's financially appropriate for me. | | |

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|---|------------------|----|
| Title: Location | R. number | 15 |
| Classification: functional | | |
| As a student I want to have the location next to every housing unit on the homepage so that I can know if it suits me. | | |

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|---|------------------|----|
| Title: Sort by Location | R. number | 16 |
| Classification: functional | | |
| As a student I want to have the ability to sort the housing units by their location so that I can search for a rental unit by the location I want. | | |

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|---|------------------|----|
| Title: Sort by Price | R. number | 17 |
| Classification: functional | | |
| As a student I want to have the opportunity to sort the housing units by their monthly price so that I can search by my financial situation. | | |

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|--|------------------|----|
| Title: Sort by number of rooms | R. number | 18 |
| Classification: functional | | |
| As a student I want to have the ability to sort the housing units by the numbers of rooms so that I can know if the housing unit is right for me. | | |

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| Title: Booking a housing unit | R. number | 19 |
| Classification: functional | | |
| As a student I want to have the ability to order the unit I want according to the dates I want so that I can make the rental easy and fast. | | |

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|---|------------------|----|
| Title: Watch the Review | R. number | 20 |
| Classification: functional | | |
| As a student I want to have the opportunity to see the reviews written by other students so that I can get an opinion on the renter. | | |

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|---|------------------|----|
| Title: Write a Review | R. number | 21 |
| Classification: functional | | |
| As a student I want to have the opportunity to write a review about the renter so that I can help other students to get an opinion about the renter. | | |

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| Title: Obtain an order confirmation through the site | R. number | 22 |
| Classification: functional | | |
| As a student I want to get the order confirmation through the system so that I can know if my order has been approved by the renter and everything is going well. | | |

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| Title: Cancel Reservation | R. number | 23 |
| Classification: functional | | |
| As a student I want to be able to cancel an order I placed so that I can cancel the order easily and immediately through the system if I regret \ I can't rent the housing unit \ something happened. | | |

Renter View

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|---|------------------|----|
| Title: See all uploads | R. number | 24 |
| Classification: functional | | |
| As a renter I want my homepage to show all the housing units that I uploaded to the site so that I can see everything I've uploaded. | | |

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|---|------------------|----|
| Title: Change\Edit | R. number | 25 |
| Classification: functional | | |
| As a renter & housing unit owner I want to be able to change\update details of a housing units so that the details always be correct and relevant. | | |

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|---|------------------|----|
| Title: New Upload | R. number | 26 |
| Classification: functional | | |
| As a housing unit owner & renter I want to be able to upload a housing unit so that I can rent it. | | |

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|---|------------------|----|
| Title: Limitation of rental time | R. number | 27 |
| Classification: functional | | |
| As a renter I want to have the option of limiting the time of renting the apartment so that I can manage my time in the best way if its necessary. | | |

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| Title: Watch the review written by the students about me | R. number | 28 |
| Classification: functional | | |
| As a renter I want to have the opportunity to watch the criticism written about me so that I can know what I did wrong, what I need to change and get better. | | |

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|---|------------------|----|
| Title: Delete | R. number | 29 |
| Classification: functional | | |
| As a renter I want to be able to delete a housing unit if it is no longer relevant so that I can avoid errors and not give incorrect information to the users. | | |

Booking a Housing Unit

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|---|------------------|----|
| Title: Booking a housing unit button | R. number | 30 |
| Classification: functional | | |
| As a student I want that after I click on the housing unit that I want; I press on the order button and the invitation will begin. so that I can order quickly and easily. | | |

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|---|------------------|----|
| Title: Order summary | R. number | 31 |
| Classification: functional | | |
| As a student I want the order page to show all the order's details and price, so that I can see them before I place the order. | | |

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|---|------------------|----|
| Title: Student data validation | R. number | 32 |
| Classification: functional | | |
| As a student , if the details I entered at the time of booking are incorrect, I want the system to alert me and an error message appears so that I can know if I need to fix them before it arrives to the renter. | | |

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| Title: Payment method | R. number | 33 |
| Classification: functional | | |
| As a student , I want be able to select the payment method that fits me (credit card, Paypal or contract(cash)) so that I can pay however I see fit for the apartment. | | |

Effective tracking of orders

Renter View

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|---|------------------|----|
| Title: Effective tracking of orders | R. number | 34 |
| Classification: functional | | |
| As a renter I want to be able to track the transactions I made, to see the transactions history so that I can keep track of my business. | | |

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|---|------------------|----|
| Title: Business conduct by time | R. number | 35 |
| Classification: functional | | |
| As a renter I want to have information on my revenue by date so that I can track my business progress by time. | | |

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| Title: Business conduct by location of housing units | R. number | 36 |
| Classification: functional | | |
| As a renter I want to have information on my revenue by location of the housing units so that I can know which location is most wanted by the students. | | |

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|---|------------------|----|
| Title: Business conduct by number of rooms in a housing unit | R. number | 37 |
| Classification: functional | | |
| As a renter I want to have the ability to track my revenue by the number of rooms in a housing unit so that I can know how many rooms in the housing unit the students prefer. | | |

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| Title: Business conduct by price | R. number | 38 |
| Classification: functional | | |
| As a renter I want to track my revenue by the price of the housing unit so that I can know about my financial progress. | | |

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| Title: Business conduct according to unit visibility | R. number | 39 |
| Classification: functional | | |
| As a renter I want to track my revenue according to the visibility of the housing unit so that I can know which design is most in demand by the students. | | |

Admin View

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|---|------------------|----|
| Title: Suspend Users | R. number | 40 |
| Classification: functional | | |
| As a system administrator I want to be able to suspend users from the system so that there are no inactive users in the system or if a user violated the terms of service. | | |

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| Title: Website tracking | R. number | 41 |
| Classification: functional | | |
| As a system administrator I want to be able to see the homepage, and see all the housing units offered for rent so that I can track site activity and see if people are using it. | | |

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| Title: Delete Students Reviews | R. number | 42 |
| Classification: functional | | |
| As a system administrator I want to have the option to delete Inappropriate or spam reviews so that I can keep the site appropriate. | | |

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|---|------------------|----|
| Title: Confirm students' registration | R. number | 43 |
| Classification: functional | | |
| As a system administrator I want to have a menu of student requests to register the site so that I can keep track of the registered users. | | |