**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 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 massage appears  **so that I can** know if I need to fix them before it arrives to the renter. | | |

**Effective tracking of orders**

**Renter View**

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| **Title:** Effective tracking of orders | **R. number** | 33 |
| **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** | 34 |
| **Classification:** functional | | |
| **As a** renter  **I want to** have information on my revenue by date  **so that I can** track my business behavior as a function of time. | | |

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| **Title:** Business conduct by location of housing units | **R. number** | 35 |
| **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 amount of rooms in a housing unit | **R. number** | 36 |
| **Classification:** functional | | |
| **As a** renter  **I want to** have the ability to track my revenue by the amount 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** | 37 |
| **Classification:** functional | | |
| **As a** renter  **I want to** track my revenue by the price of the housing unit  **so that I can** know what the most popular price is for the students. | | |

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| **Title:** Business conduct according to unit visibility | **R. number** | 38 |
| **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** | 39 |
| **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** | 40 |
| **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:** Update availability | **R. number** | 41 |
| **Classification:** functional | | |
| **As a** system administrator  **I want to** have the option to update the availability of housing units on the display page (on the home page)  **so that I can** be sure thatthe information is reliable, and the students know whether the housing unit is available for rent or not. | | |

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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. | | |