Requirement Document – Sami Room Website

Team 1

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Requirement title : Register to the website - student	Identifier number : 1	
WebSite Name : Sami Room	Date : 05/04/2020	
Owner : Liat Golber	Phone : 0509473001	
Urgency : High	Reference : 1001	End Date :

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Requirement Description :

Functional requirement.

The student will register to the website with an ID and Password - there will be

a page for registration, that will contain fields like – name, last name, email, phone, current address, date of starting studying at sami shamoon, and so on.

and require to upload a picture of a valid student ID.

Requirement title : Orders history table- landlord page	Identifier number :	2
WebSite Name : Sami Room	Date : 05/04/2020	
Owner : Shelly Miron	Phone : 052-6239923	
Urgency : High	Reference : 1002	End Date :

Requirement Description :

Functional requirement.
In the landlord page on the website, the landlord could view his orders by date in a designated table.
In this table, the landlord could see the order's rent per month, contract end date, name of the student who is renting the apartment and the address of the apartment.

Requirement title : view order details - landlord page	Identifier number :	3
WebSite Name : Sami Room	Date :05/04/2020	
Owner : Shelly Miron	Phone :052-6239923	
Urgency : High	Reference : 1003	End Date :

Requirement Description :

Functional requirement.
In the landlord page, the landlord could click on the order's name for more details.
the details would contains the address, the price per month, pictures of the apartment,
number of rooms, stuff included in the apartment, published date, the landlord(student) name and details including his payment details, the contract, link to the student profile and contact details.

Requirement title : payment delay feature - landlord page	Identifier number : 4	
WebSite Name : Sami Room	Date : 05/04/2020	
Owner : Shelly Miron	Phone : 052-6239923	
Urgency : Medium	Reference : 1004	End Date :

Requirement Description :

Functional requirement.
In the landlord page, the landlord could also see the renter(student) that didn't pay on time this month. there would be a button that will send them a memo to their Email to pay the monthly rent. there would also be a column in the table that will sum up how many days the student is late in payment.

Requirement title : Filter for orders - landlord page	Identifier number : 5	
WebSite Name : Sami Room	Date : 05/04/2020	
Owner : Shelly Miron	Phone :	
Urgency : High	Reference : 1005	End Date :

Requirement Description :

Functional requirement.
In the landlord page, the landlord could filter the orders tables, by : order date, student name, apartment, student that are late in the payment, end of contract, and so on.

Requirement title : income sum - landlord page	Identifier number : 6	
WebSite Name : Sami Room	Date : 05/04/2020	
Owner : Shelly Miron	Phone : 052-6239923	
Urgency : High	Reference : 1006	End Date :

Requirement Description :

Functional requirement.
In the landlord page, the landlord could see the income per month each time.

Requirement title : Edit orders - landlord page	Identifier number : 7	
WebSite Name : Sami Room	Date : 05/04/2020	
Owner : Shelly Miron	Phone : 052-6239923	
Urgency : High	Reference : 1007	End Date :

Requirement Description :

Functional requirement.
In the landlord page, the landlord could edit an order as he wishes - remove an order (if the contract is ended for example), edit the end date (if the student wants to extend the contract date) and so on.

Requirement title : Search for order - landlord page	Identifier number : 8
WebSite Name : Sami Room	Date : 06/04/2020
Owner : Shelly Miron	Phone : 052-6239923
Urgency : Medium	Reference : 1008 End Date :

Requirement Description :

Functional requirement.
In the landlord page, the landlord could search for an order by free-style search (text)/price/status

Requirement title : Status field in history table - landlord page	Identifier number : 9
WebSite Name : Sami Room	Date :08/04/2020
Owner : Shelly Miron	Phone : 052-6239923
Urgency :Medium	Reference : 1009 End Date :

Requirement Description :

Functional requirement.
In the orders history table, the landlord could see a status field that indicates what status the rent is in - late in payment, paid, extension of payment date, didn't got keys yet, canceled order or removed and so on.

Requirement title : Alert when trying to edit orders - landlord page	Identifier number : 10
WebSite Name : Sami Room	Date : 08/04/2020
Owner : Shelly Miron	Phone :052-6239923
Urgency : high	Reference : 1010	End Date :

Requirement Description :

Non-functional requirement.
Alerts need to appear when the landlord is trying to edit the orders - so accidents won't happend such as removing an order.

Requirement title : show all apartments for renting	Identifier number : 11
WebSite Name : Sami Room	Date : 07/04/2020
Owner : Leah Brodsky	Phone : 054-5499459
Urgency : High	Reference :1011	End Date :

Requirement Description :

Functional requirement.

The site will show all the apartments available for renting at the moment or in close future - student user.

Requirement title : show apartment's details	Identifier number : 12	
WebSite Name : Sami Room	Date : 07/04/2020	
Owner : Leah Brodsky	Phone : 054-5499459	
Urgency : High	Reference :1012	End Date :

Requirement Description :

Functional requirement.

The site will show all the information about each apartment - owner's name, phone number of the owner, pictures of the apartment, number of rooms, rent, location and other details.

Requirement title : sort by category	Identifier number : 13	
WebSite Name : Sami Room	Date : 07/04/2020	
Owner : Leah Brodsky	Phone : 054-5499459	
Urgency : Medium	Reference :1013	End Date :

Requirement Description :

Functional requirement.

The user will be able to sort apartments by categories like location, rent.

Requirement title : book an apartment according to dates	Identifier number : 14
WebSite Name : Sami Room	Date : 07/04/2020
Owner : Leah Brodsky	Phone : 054-5499459
Urgency : High	Reference :1014	End Date :

Requirement Description :

Functional requirement.

The student will be able to book an apartment for a period of time according to dates he needs.

Requirement title : show renter's apartments	Identifier number : 15
WebSite Name : Sami Room	Date : 07/04/2020
Owner : Leah Brodsky	Phone : 054-5499459
Urgency : High	Reference :1015	End Date :

Requirement Description :

Functional requirement.

The site will show all the apartments of the renter.

Requirement title : edit details	Identifier number : 16
WebSite Name : Sami Room	Date : 07/04/2020
Owner : Leah Brodsky	Phone : 054-5499459
Urgency : High	Reference :1016	End Date :

Requirement Description :

Functional requirement.

The renter can edit the information about the apartment.

Requirement title : publish apartment	Identifier number : 17
WebSite Name : Sami Room	Date : 07/04/2020
Owner : Leah Brodsky	Phone : 054-5499459
Urgency : High	Reference :1017	End Date :

Requirement Description :

Functional requirement.

The renter can publish a new apartment.

Requirement title : Uploading student ID	Identifier number :	18
WebSite Name : Sami Room	Date :7/4/2020	
Owner : Beni Segal	Phone :	
Urgency : Medium	Reference : 1018	End Date :

Requirement Description

Functional requirement.

The user should be able to upload a picture file while registering as a student.

The maximum file size should be about 2MB.

Requirement title : Student users DB	Identifier number :	19
WebSite Name : Sami Room	Date :7/4/2020	
Owner : Beni Segal	Phone :	
Urgency :High	Reference : 1019	End Date :

Requirement Description

Functional requirement

All users information and data registered as students and passed validation should be stored on a cloud database for students-users.

This database will be used to validate logins and other activities the user will do on the website

Requirement title : Student Registration verification		Identifier number : 20	
WebSite Name : Sami Room		Date :7/4/2020	
Owner : Beni Segal		Phone :	
Urgency :High		Reference : 1020	End Date :

Requirement Description

Functional requirement-

The website should validate and verify users who try to register as students.

After a registration as student is complete.

the website should verify the registered user is a student and the attached picture of student ID

matches and valid.

The verification should be done manually or by accessing sami shamoon student database

After the verification is complete the website will display a confirmation message.

If the user data doesn't match or the picture isn't valid a appropriate message will display and will ask to user to renter the invalid fields

Requirement title : Register to the website - Renter	Identifier number : 21	
WebSite Name : Sami Room	Date :7/4/2020	
Owner : Beni Segal	Phone :	
Urgency :High	Reference : 1021	End Date :

Requirement Description

Functional requirement.

A renter will register to the website with an ID and Password - there will be

a page for registration, that will contain fields like – name, last name, email, phone, current address, a selection if the renter is a company or independent, if the users marks the former than the name of the company .

after registration   a confirmation message will appear

Requirement title : Renter users DB	Identifier number : 22	
WebSite Name : Sami Room	Date :7/4/2020	
Owner : Beni Segal	Phone :	
Urgency :High	Reference : 1022	End Date :

Requirement Description

Functional requirement-

All users information and data registered as renters and passed validation should be stored on a cloud database for renter-users.

This database will be used to validate logins and other activities the user will do on the website

Requirement title : Login to website	Identifier number : 23	
WebSite Name : Sami Room	Date :7/4/2020	
Owner : Beni Segal	Phone :	
Urgency :High	Reference :1023	End Date :

Requirement Description

Functional requirement-

The website will allow user to login using ID/email and password.

A user should be able to login using ID/email and password to the website using a login page.

The enter ID/email and password will be validated against both student and renter ID and if they both match a user in those databases the user will be registered as that user.

If no user is matched to the ID/email- an appropriate message will appear and ask the user to reenter the fields.

If the password doesn't match the password saved in the Database- an appropriate message will appear and ask the user to reenter the password.

Requirement title : recover password	Identifier number : 24
WebSite Name : Sami Room	Date :7/4/2020
Owner : Beni Segal	Phone :
Urgency :Low	Reference :1024	End Date :

Requirement Description

Functional requirement-

The website should allow the user to recover his password if he forgot it using his email.

If the user either fails to login 5 times or enters the "forgot password" page from the login page.

The user will be asked to enter his email – if the email matches a user in users database , an email will be sent to with the users password.

Requirement title : simultaneous user support	Identifier number : 25	
WebSite Name : Sami Room	Date :7/4/2020	
Owner : Beni Segal	Phone :	
Urgency :Low	Reference :1025	End Date :

Requirement Description

Non Functional requirement- performance The website should support X simultaneous users , where X is about the number of students studying at sami -shamoon.

Requirement title : website verification response	Identifier number : 26	
WebSite Name : Sami Room	Date :7/4/2020	
Owner : Beni Segal	Phone :	
Urgency :Low	Reference :1026	End Date :

Requirement Description

Non Functional requirement- Usability

The response time of the website to login or registration should not exceed 3 seconds.

The website should take the entered login or registration fields, check them against appropriate databases and return a response to the user about the process in under 3 seconds

Requirement title : Save records in DB - landlord page	Identifier number : 27	
WebSite Name : Sami Room	Date :08/04/2020	
Owner : Shelly Miron	Phone : 052-6239923	
Urgency : High	Reference :1027	End Date :

Requirement Description

Functional requirement.
When editing an order in the history table in the landlord page, the edited fields need to be saved in the DB in the dedicated table.

Requirement title :Sort orders- landlord page	Identifier number : 28	
WebSite Name : Sami Room	Date :08/04/2020	
Owner : Shelly Miron	Phone : 052-6239923	
Urgency :Medium	Reference :1028	End Date :

Requirement Description

Functional requirement.
Option to sort orders by clicking on a column title such as - status, contract end date, name, rent price and so on.

Requirement title : Orders Summary - landlord page	Identifier number : 29
WebSite Name : Sami Room	Date : 05/04/2020
Owner : Shelly Miron	Phone : 052-6239923
Urgency : Medium	Reference : 1029	End Date :

Requirement Description :

Functional requirement.
In the landlord page, the landlord could also see a summary of his orders by monthly or quarterly data - this will include graphs or other data that will reflect the status of the orders.

Requirement title : Order Page	Identifier number : 30
WebSite Name : Sami Room	Date : 05/04/2020
Owner : Liat Golber	Phone : 050-9473001
Urgency : High	Reference : 1030	End Date :

Requirement Description :

Functional requirement.

After the user chooses his order, he will see the window of the order page.

The order page will contain: description of the asset, availability- If the apartment was rented or not, entry day, parking, number of rooms, square metre, and final price of the apartment.

 The user will be able to make the payment from this page.

Booking a unit

Requirement title : payment	Identifier number : 31
WebSite Name : Sami Room	Date : 05/04/2020
Owner : Liat Golber	Phone : 050-9473001
Urgency : High	Reference : 1031	End Date :

Requirement Description :

Functional requirement.

In the window of the order page the user will move on to the payment page:

In the payment page the user will choose his payment method:credit.

Credit - The user will enter his credit details: credit card number, credit card validity, 3 digits on the back of the card, ID card holder and cardholder's name.- The system will pop up a message validation of the hirer details.

Booking a unit

Requirement title : payment- security payment	Identifier number : 32
WebSite Name : Sami Room	Date : 05/04/2020
Owner : Liat Golber	Phone : 050-9473001
Urgency : Medium	Reference : 1032	End Date :

Requirement Description :

Non-functional requirement - security. The site will be connected to a clearing company and will Comply with PCI standards.

Booking a unit

Requirement title : payment-SMS messages	Identifier number : 33
WebSite Name : Sami Room	Date : 05/04/2020
Owner : Liat Golber	Phone : 050-9473001
Urgency : Medium	Reference : 1033	End Date :

Requirement Description :

Functional requirement.

When the student finishes his order, i.e. he make the payment, the system will send the update to the renter with SMS messages for the phone number how exist in the system.

Booking a unit

Requirement title :Payment- Error System Message	Identifier number : 34	
WebSite Name : Sami Room	Date : 05/04/2020	
Owner : Liat Golber	Phone : 050-9473001	
Urgency : Medium	Reference : 1034	End Date :

Requirement Description :

Functional requirement.

When the student finishes his order, i.e. he makes the payment, the system will check proper details with the clearing company.

If the details are not proper, the error window will show up, other details will be saved in DB.

Booking a unit

Requirement title :payment- Error System Message	Identifier number : 35
WebSite Name : Sami Room	Date : 05/04/2020
Owner : Liat Golber	Phone : 050-9473001
Urgency : Medium	Reference : 1035	End Date :

Requirement Description :

Functional requirement.

When the student finishes his order, i.e. he makes the payment, the system will check proper details with the clearing company.

If the details are not proper, the error window will show up, other details will be saved in DB.

Requirement title : Upload new apartment - landlord	Identifier number : 36
WebSite Name : Sami Room	Date : 05/04/2020
Owner : Shelly Miron	Phone : 052-6239923
Urgency : High	Reference : 1036	End Date :

Requirement Description :

Functional requirement.
The landlord could upload a new apartment to the website.
There will be a page where the landlord could create a new apartments table and upload it's details.

Requirement title : Search an apartment	Identifier number : 37
WebSite Name : Sami Room	Date : 05/04/2020
Owner : Shelly Miron	Phone : 052-6239923
Urgency : Medium	Reference : 1037	End Date :

Requirement Description :

Functional requirement.
The student and the landlord could search for an apartment by free-text area.

Requirement title : filter apartments	Identifier number : 38
WebSite Name : Sami Room	Date : 05/04/2020
Owner :Shelly Miron	Phone : 052-6239923
Urgency : High	Reference : 1038	End Date :

Requirement Description :

Functional requirement.
The student and the landlord could filter apartments by details - price per month, is rent?, location, name, number of rooms and so on.

Requirement title : Contact customer service page/details	Identifier number :	39
WebSite Name : Sami Room	Date : 05/04/2020	
Owner : Shelly Miron	Phone : 052-6239923	
Urgency : Medium	Reference : 1039	End Date :

Requirement Description :

FUnctional requirement. The user will be able to see contact page for reaching the technicians/admins/customer service of the website.

Requirement title : rate apartment/landlord - student	Identifier number :	40
WebSite Name : Sami Room	Date : 05/04/2020	
Owner : Shelly Miron	Phone : 052-6239923	
Urgency : Medium	Reference : 1040	End Date :

Requirement Description :

Functional requirement. The student could rate an apartment or landlord and also add comments.

Test Cases

Test case ID :   01

Test Priority :   High

Module Name : landlord orders page

Test Title : View and edit an order in the orders history table

Description :

Test Designed by : Shelly Miron

Test Designed date : 09/04/2020

Test Type : Positive test

| The landlord could see the order's rent per month, contract end date, name of the student who is renting the apartment and the address of the apartment. the landlord could also choose a row from the table and view more details about this order. |

Preconditions :

- The landlord is signed in with his username and password.
- An order was placed and paid.

Steps:

ID	Test Step	Expected result
1	Navigate to orders history and management page	The page is opened with a table that contains all the relevant details about an order that was just placed, and the total income has increased.
2	Choose the order that was placed, and press on the 'Edit' button.	The row of the order will be opened for edit and the fields - status, contract end date, rent per month and property details can be edited.
3	Choose the order that was placed, and press on the 'remove' button.	The row of the order will be in 'Cancelled' status with option to add notes.
Post - condition	Enter the database under 'orders' details table	The new status and other details have been changed in DB.

Test case ID :   02   Test Designed by : Shelly Miron

Test Priority :   High   Test Designed date : 09/04/2020

Module Name : landlord orders page   Test Type : Negative test

Test Title : View and edit an order in the orders history table

Description :

The landlord could see the order's rent per month, contract end date, name of the student who is renting the apartment and the address of the apartment. the landlord could also choose a row from the table and view more details about this order - negative test to check that the landlord won't harm the order.

Preconditions :

- The landlord is signed in with his username and password.
- An order was placed and paid.

Steps:

ID	Test Step	Expected result
1	Edit contract end date to be in invalid pattern	A message error would pop out and the edit won't save.
2	Enter a contract end date that doesn't exist.	A message error would pop out and the edit won't save.
3	Place the end date empty	A message error would pop out and the edit won't save.
4	place rent per month empty	A message error would pop out and the edit won't save.
5	Enter rent per month that is negative (for ex: -20)	A message error would pop out and the edit won't save.
6	Enter rent per month that include ABC letters or other characters.	A message error would pop out and the edit won't save.

Test case ID :	03	Test Designed by : Shelly Miron

Test case ID :   03   Test Designed by :Shelly Miron

Test Priority :   High   Test Designed date : 09/04/2020

Module Name :   landlord orders page   Test Type : Positive test

Test Title : Filter, search and sort orders by parameters

Description :

The landlord could filter the orders tables, by : order date, student name, apartment, student that are late in the payment, end of contract, and so on.
THe landlord could sort and search orders.

Preconditions :

- The landlord is signed in with his username and password.
- An order was placed and paid.

Steps:

ID	Test Step	Expected result
1	Navigate to orders history and management page	The page is opened with a table that contains all the relevant details about an order that was just placed, and the total income has increased.
2	Filter order by end date contract	Orders are shown by end date contract
3	Filter order by rent price	Orders are shown by rent price
4	Filter order property	Orders are shown by property
5	Search an order by your choice	The particular order is shown
6	Sort an order by your choice	Orders sorted by choice

Test case ID :	04	Test Designed by : Shelly Miron

Test case ID :   04   Test Designed by : Shelly Miron

Test Priority :   High   Test Designed date : 09/04/2020

Module Name :   Login to the website   Test Type : Positive test

Test Title : Login to the website as landlord/student

Description :

A user should be able to login using ID/email and password to the website using a login page.

Preconditions :

- the user has done registration to the website and have username/ID and password

Steps:

ID	Test Step	Expected result
1	Navigate to login page	The login page will be opened with the fields: user name, password, login button, forgot password link, remember me check box and register link.
2	Press on the 'Forgot password' link	The user will be navigated to a page with an email field, to send to him his new password.
3	Navigate to the login page again and put username & password in its designated field & check 'remember me' check box.press on the Login button.	The user will successfully enter to his designated home page/profile (as if landlord or student)
4	Logout from the website	The user will successfully logout from the website, the website will remember it's login details.

Test case ID :	05	Test Designed by : Shelly Miron
Test Priority :	High	Test Designed date : 09/04/2020
Module Name :	Login to the website	Test Type : Negative test

Test Title : Login to the website as landlord/student

Description :

A user should be able to login using ID/email and password to the website using a login page - negative test.

Preconditions :

None.

Steps:

ID	Test Step	Expected result
1	Enter username and password that doesn't exist in the system. and press on the login button.	There will be a message error that will alert about not existing details of the user.
2	Enter username that exist in the system, but with incorrect password. and press on the login button.	There will be a message error that will alert about not existing details of the user.
3	Let the fields be empty and press on the login button.	There will be a message error that will alert about not filling the fields.
4	Verify if a user cannot enter the characters more than the specified range in each field (Username and Password).	The field will be blocked for more than X characters

Test case ID :	06	Test Designed by : Shelly Miron

Test case ID :   06   Test Designed by : Shelly Miron

Test Priority :   High   Test Designed date : 09/04/2020

Module Name :   Register to the website   Test Type : Positive test

Test Title : Register to the website as landlord/student

Description :

Form for registration of a user - landlord or user.

Preconditions :

● if the user is a student - he will need to be a student that has a valid student card.

Steps:

ID	Test Step	Expected result
1	Navigate to registration page	The registration page will be opened with all the relevant fields such as: firstname, last name, id, phone, address, password, email, option for social media url, who am i dropdownlist - student/landlord and so on.
2	Enter all the relevant fields correctly. and press the submit button.	The user will be submitted successfully and be transferred to validation with mail (or to his home page).
Post - condition	Enter the database under the 'Users' table.	The new user with his details will appear in the DB.

Test case ID :	07	Test Designed by : Shelly Miron
Test Priority :	High	Test Designed date : 09/04/2020
Module Name :	Register to the website	Test Type : Negative test

Test Title : Register to the website as landlord/student

Description :

Form for registration of a user - landlord or user.

Preconditions :

None.

Steps:

ID	Test Step	Expected result
1	Enter username that is less than 5 characters	Error message will alert
2	Enter password that is less than 8 characters	Error message will alert
3	Enter password that's not included special characters (^,&,*...)	Error message will alert
4	Enter invalid email	Error message will alert
5	Add a picture/id of a student that has no valid student card.	Error message will alert
6	Enter ID less than 9 numbers	Error message will alert
7	Enter ID that contains characters that are not numbers	Error message will alert
8	Enter phone number that contains characters that are not numbers	Error message will alert

Test case ID :	08	Test Designed by : liat golber

Test case ID :   08   Test Designed by : liat golber

Test Priority :   High   Test Designed date : 12/04/2020

Module Name :   Order Page   Test Type : Positive test

Test Title : Order Page- Invitation Invited

Description :

The user should be able to see more details about the assent.

Preconditions :

- The landlord is signed in with his username and password.
- The user choose apartment to rent

Steps:

ID	Test Step	Expected result
1	Navigate to order page	The use will be displayed: description of the asset, availability- If the apartment was rented or not, entry day, parking, number of rooms, square metre, and final price of the apartment.

Test case ID :	09	Test Designed by : liat golber

Test case ID :   09   Test Designed by : liat golber

Test Priority :   High   Test Designed date : 12/04/2020

Module Name :   Order Page   Test Type : Positive test

Test Title : Payment

Description :

The user should be able to order and pay the apartment that he had chosen from the landlord orders page .

Preconditions :

● The landlord is signed in with his username and password. ● The user choose apartment to rent ● the user should have credit card

Steps:

ID	Test Step	Expected result
1	Navigate to order page	description of the asset, availability- If the apartment was rented or not, entry day, parking, number of rooms, square metre, and final price of the apartment.
2	The user click on 'payment for rent this apartment'	The user will be forwarded to the 'payment page'.
3	The user will choose a method of payment -credit.	payment window will show up
4	The use will complete his personal and credit details: id, name, last name, credit card number	
5	The user will click on ' continue' button	message window will show up "your details have saved in successfully - number order"
6	check if the order have saved in DB	the order have saved in DB

Test case ID :	10	Test Designed by : liat golber
Test Priority :	High	Test Designed date :
Module Name :	Order Page	Test Type : Negative test

Test Title : Payment

Description :

The user should be able to order and pay the apartment that he had chosen from the landlord orders page .

Preconditions :

- The landlord is signed in with his username and password.
- The user choose apartment to rent
- the user should have credit card

Steps:

ID	Test Step	Expected result
1	Navigate to order page	description of the asset, availability- If the apartment was rented or not, entry day, parking, number of rooms, square metre, and final price of the apartment.
2	The user click on 'payment for rent this apartment'	The user will be forwarded to the 'payment page'.
3	The user will choose a method of payment -credit.	payment window will show up
4	The use will complete more then one incorrect personal and credit details: id, name, last name, credit card number	-
5	The user will click on ' continue' button	A message error would pop out and the edit won't save.
6	check if the order have not saved in DB	the order have not saved in DB