

Ingqondo Solutions (IQ Solutions)

GROUP 15

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Maintenance Subsystem
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Admin Subsystem
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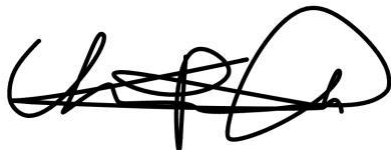
Location Subsystem

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Motivation for changes

- Use case 8.5 Request Maintenance job an abstract use case was added, seeing as maintenance occurs after the completion of either a move in or move out inspection
- 12.10 – 12.14 were removed, the suggested method for capturing repair supplies made these use cases redundant.
- Naming conventions were changed under **subsystem 9** to make more sense
- Use cases for adding repair and maintenance items we modified so that they make sense, two use cases were merged into one since they both contained steps that could be implemented into one use case.

The client has seen and accepts the changes that have been made to the requirements of the system for deliverable 3 and 4.



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Panashe Chitumba

The course coordinator has seen and accepts the changes that have been made to the requirements of the system for deliverable 3 and 4.

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Dr L Weilbach

2.3.1. Subsystem 1 – Employee

2.3.1.1 Use Case 1.1 – Add Employee

Functional Requirement	Explanation
Requirement number:	1.1
Requirement name (use case name):	Add Employee
Requirement short description:	The system must allow the user to register a new employee
Requirement detailed description and constraints:	<ul style="list-style-type: none">➤ Actors: Owner (PSA)➤ Employee (PBA)➤ This happens when the owner wants to add an employee to the system.➤ All employee details, including title, initials, surname, cell number and email address must be added to the system from the employee.
Business rules applicable to this requirement	The employee must not exist on the system
Revision date and Revision number:	2020-05-16 Version 1.1
Criticality/Priority:	High

2.3.1.2 Use Case 1.2 – Update Employee

Functional Requirement	Explanation
Requirement number:	1.2
Requirement name (use case name):	Update Employee
Requirement short description:	The system must allow the user to update employee an employee's details.
Requirement detailed description and constraints:	<ul style="list-style-type: none">➤ Actors: Owner (PSA)➤ Employee (PBA)➤ This happens when the employee wants to update their information on the system.➤ All employee details, including title, initials, surname, cell number and email address that must be changed, must be added to the system.
Business rules applicable to this requirement	The employee must exist on the system.
Revision date and Revision number:	2020-05-16 Version 1.1
Criticality/Priority:	Medium

2.3.1.3 Use Case 1.3 – Delete Employee

Functional Requirement	Explanation
Requirement number:	1.3
Requirement name (use case name):	Delete Employee
Requirement short description:	The system must allow the user to delete an employee's details off the system.
Requirement detailed description and constraints:	<ul style="list-style-type: none">➤ Actors: Owner (PBA)➤ This happens when the owner wants to delete an employee of the system.➤ All employee details, including title, initials, surname, cell number and email address that must be deleted from the system.

Business rules applicable to this requirement	
Revision date and Revision number:	2020-05-16 Version 1.1
Criticality/Priority:	Medium

2.3.1.4 Use Case 1.4 – Search Employee

Functional Requirement	Explanation
Requirement number:	1.4
Requirement name (use case name):	Search Employee
Requirement short description:	The system must allow the user to search employee on the system.
Requirement detailed description and constraints:	<ul style="list-style-type: none"> ➤ Actors: Owner (PBA) ➤ This happens when the employee wants to search for an employee on the system. ➤ All employee details, including title, initials, surname, cell number and email address that must be displayed on the system after the search has been completed.
Business rules applicable to this requirement	The employee must exist on the system.
Revision date and Revision number:	2020-05-16 Version 1.1
Criticality/Priority:	Medium

2.3.1.5 Use Case 1.5 – Add Employee Type

Functional Requirement	Explanation
Requirement number:	1.5
Requirement name (use case name):	Add Employee Type
Requirement short description:	The system must allow the user to add a type of employee to the system.
Requirement detailed description and constraints:	<ul style="list-style-type: none">Actors: Owner (PBA)This happens when the owner wants to add a type of employee to the system.All employee type details, Description, role, position must be added to the system.
Business rules applicable to this requirement	
Revision date and Revision number:	2020-05-16 Version 2.0
Criticality/Priority:	Medium

2.3.1.6 Use Case 1.6 – Delete Employee Type

Functional Requirement	Explanation
Requirement number:	1.6
Requirement name (use case name):	Delete Employee Type
Requirement short description:	The system must allow the user to delete a type of employee from the system.
Requirement detailed description and constraints:	<ul style="list-style-type: none">Actors: Owner (PBA)This happens when the owner wants to delete a type of employee from the system.All employee type details, Description, role, position must be deleted from the system.
Business rules applicable to this requirement	
Revision date and Revision number:	2020-05-16 Version 2.0
Criticality/Priority:	Medium

2.3.1.7 Use Case 1.7 – Search Employee Type

Functional Requirement	Explanation
Requirement number:	1.7
Requirement name (use case name):	Search Employee Type
Requirement short description:	The system must allow the user to search a type of employee on the system.
Requirement detailed description and constraints:	<ul style="list-style-type: none">Actors: Owner (PBA)This happens when the owner wants to search a type of employee from the system.All employee type details, Description, role, position must be displayed on the system.
Business rules applicable to this requirement	
Revision date and Revision number:	2020-05-16 Version 2.0
Criticality/Priority:	Medium

2.3.1.8 Use Case 1.8 – Update Employee Type

Functional Requirement	Explanation
Requirement number:	1.8
Requirement name (use case name):	Update Employee Type
Requirement short description:	The system must allow the user to update a type of employee on the system.
Requirement detailed description and constraints:	<ul style="list-style-type: none">Actors: Owner (PBA)This happens when the owner wants to update a type of employee on the system.All employee type details, Description, role, position must be changed accordingly on the system.
Business rules applicable to this requirement	
Revision date and Revision number:	2020-05-16 Version 2.0
Criticality/Priority:	Medium

2.3.2. Subsystem 2 – User

2.3.2.1 Use Case 2.1 – Add User

Functional Requirement	Explanation
Requirement number:	2.1
Requirement name (use case name):	Add User
Requirement short description:	The system must allow the user to register.
Requirement detailed description and constraints:	<ul style="list-style-type: none">➤ Actors: User (PBA)➤ This happens when the User wants to register themselves➤ All User details, including Username, password ,name ,surname, cell number and email address must be added to the system.
Business rules applicable to this requirement	None
Revision date and Revision number:	2020-05-16 Version 2.0
Criticality/Priority:	High

2.3.2.2 Use Case 2.2 – Update User

Functional Requirement	Explanation
Requirement number:	2.2
Requirement name (use case name):	Update User
Requirement short description:	The system must allow the user to update themselves.
Requirement detailed description and constraints:	<ul style="list-style-type: none">➤ Actors: User (PBA)➤ This happens when the User wants to update a themselves on the system.

	➤ User details, including Username, password, name, surname, cell number and email address must be updated to the system from the tenant update form.
Business rules applicable to this requirement	User must exist on the system.
Revision date and Revision number:	2020-05-16 Version 2.0
Criticality/Priority:	Medium

2.3.2.3 Use Case 2.3 – Deactivate User

Functional Requirement	Explanation
Requirement number:	2.3
Requirement name (use case name):	Deactivate User
Requirement short description:	The system must allow the user to deactivate their account.
Requirement detailed description and constraints:	<ul style="list-style-type: none"> ➤ Actors: User (PBA) ➤ This happens when the User wants to deactivate their account on the system. ➤ User details are added on the Deactivated User table.
Business rules applicable to this requirement	User must exist on the system User must not be a Tenant
Revision date and Revision number:	2020-05-16 Version 2.0
Criticality/Priority:	Low

2.3.2.4 Use Case 2.4 – Search User

Functional Requirement	Explanation
Requirement number:	2.4
Requirement name (use case name):	Search User
Requirement short description:	The system must allow the Admin/Owner to search an existing user.
Requirement detailed description and constraints:	<ul style="list-style-type: none">➤ Actors: Admin/Owner (PBA)➤ This happens when the Admin/Owner wants to search a user on the system.➤ Details of an existing user, including t password, name, surname, cell number and email address must be displayed in the search result from the system.
Business rules applicable to this requirement	Only Admin and owner may search for a User.
Revision date and Revision number:	2020-05-16 Version 2.0
Criticality/Priority:	Low

2.3.3. Subsystem 3 – Report

2.3.3.1 Use Case 3.1 – Generate Overdue Payment Report

Functional Requirement	Explanation
Requirement number:	3.1
Requirement name (use case name):	Generate overdue payment report
Requirement short description:	The system must allow the generating of overdue payment report every month
Requirement detailed description and constraints:	<ul style="list-style-type: none">Actors: Time (PBA)Admin (ERA)This happens when the payment is due.All the relevant details must be retrieved from the system
Business rules applicable to this requirement	The must be payment overdue
Revision date and Revision number:	2020-05-16 Version 1.0
Criticality/Priority:	High

2.3.3.2 Use Case 3.2 – Generate Total Monthly Income Report

Functional Requirement	Explanation
Requirement number:	3.2
Requirement name (use case name):	Generate Total Monthly Income Report
Requirement short description:	The system must allow the generating of total monthly income report every month
Requirement detailed description and constraints:	<ul style="list-style-type: none">Actors: Owner (PBA)This happens when the owner wishes to see the total monthly incomeAll the relevant details must be retrieved from the system
Business rules applicable to this requirement	Only the owner can generate total monthly income report.
Revision date and Revision number:	2020-05-16 Version 1.0
Criticality/Priority:	High

2.3.3.3 Use Case 3.3 – Generate Monthly Invoice Report

Functional Requirement	Explanation
Requirement number:	3.3
Requirement name (use case name):	Generate Monthly Invoice Report
Requirement short description:	The system must allow the generating of monthly invoice report
Requirement detailed description and constraints:	<ul style="list-style-type: none">Actors: Owner (PBA)Tenant (ERA)This happens when the admin wishes to generate monthly invoice reportAll the relevant details must be retrieved from the system
Business rules applicable to this requirement	Only the admin can generate monthly invoice report.
Revision date and Revision number:	2020-05-16 Version 1.0
Criticality/Priority:	High

2.3.3.4 Use Case 3.4 – Generate Expense Report

Functional Requirement	Explanation
Requirement number:	3.4
Requirement name (use case name):	Generate Expense Report
Requirement short description:	The system must allow the generating of monthly invoice report
Requirement detailed description and constraints:	<ul style="list-style-type: none">Actors: Owner (PBA)This happens when the admin wishes to generate Expense ReportAll the relevant details must be retrieved from the system
Business rules applicable to this requirement	Only the owner can generate monthly invoice report.
Revision date and Revision number:	2020-05-16 Version 1.0
Criticality/Priority:	High

2.3.3.5 Use Case 3.5 – Generate Most Viewed Properties Report

Functional Requirement	Explanation
Requirement number:	3.5
Requirement name (use case name):	Generate most viewed properties
Requirement short description:	The system must allow the generating of most viewed properties report
Requirement detailed description and constraints:	<ul style="list-style-type: none">• Actors: Admin (PBA)• This happens when the admin wishes to generate most viewed properties• All the relevant details must be retrieved from the system
Business rules applicable to this requirement	Only the admin can generate most viewed properties report
Revision date and Revision number:	2020-05-16 Version 1.0
Criticality/Priority:	High

2.3.4. Subsystem 4 – Login

2.3.4.1 Use Case 4.1 – Login

Functional Requirement	Explanation
Requirement number:	4.1
Requirement name (use case name):	Login
Requirement short description:	The system needs all users to login before they are given access to the system and its functions.
Requirement detailed description and constraints:	<ul style="list-style-type: none">• Actors: Users (PBA)• Before access to the system can be granted the user is required to login.• The user is required to provide their password and username. New users are directed to registration
Business rules applicable to this requirement	
Revision date and Revision number:	2020-05-16 Version 1.0

Criticality/Priority:	High
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2.3.4.2 Use Case 4.2 – Logout

Functional Requirement	Explanation
Requirement number:	4.2
Requirement name (use case name):	Logout
Requirement short description:	The system allows the logged in user to log out of the system.
Requirement detailed description and constraints:	<ul style="list-style-type: none"> Actors: Users (PBA) The user requests to log out after use of the system. The user needs to be logged on in order to log out A button will allow the user to terminate use of the system.
Business rules applicable to this requirement	
Revision date and Revision number:	2020-05-16 Version 1.0
Criticality/Priority:	Medium

2.3.4.3 Use Case 4.3 – Reset Password

Functional Requirement	Explanation
Requirement number:	4.3
Requirement name (use case name):	Reset password
Requirement short description:	The system allows users who have forgotten or simply want to change their password to reset it.
Requirement detailed description and constraints:	<ul style="list-style-type: none"> Actors: Users (PBA) The user is directed to a reset password page. The user then provides verification information in order to reset the password. (such as answer security questions accurately) A user must have an account to reset the password

Business rules applicable to this requirement	
Revision date and Revision number:	2020-05-16 Version 1.0
Criticality/Priority:	Low

2.3.4.4 Use Case 4.4 – Add User Role

Functional Requirement	Explanation
Requirement number:	4.4
Requirement name (use case name):	Add user role
Requirement short description:	When the owner wants to add a user role to the database.
Requirement detailed description and constraints:	<ul style="list-style-type: none"> Actors: Owner (PBA) As more need for new user roles appear, the system owner can create more user roles. The user roles direct users to specific pages and functions of the system User roles help regulate who has access to what information on the system
Business rules applicable to this requirement	
Revision date and Revision number:	2020-05-16 Version 1.0
Criticality/Priority:	Low

2.3.4.5 Use Case 4.5 – Update User Role

Functional Requirement	Explanation
Requirement number:	4.5
Requirement name (use case name):	Update user role
Requirement short description:	When the owner wants to Update a user role in the database.

Requirement detailed description and constraints:	<ul style="list-style-type: none"> Actors: owner (PBA) As the user roles change on the system owner can update the user roles The user roles must exist in the database in order to be edited
Business rules applicable to this requirement	
Revision date and Revision number:	2020-05-16 Version 2.0
Criticality/Priority:	Low

2.3.5. Subsystem 5 – Agent

2.3.5.1 Use Case 5.1 – Add Agent

Functional Requirement	Explanation
Requirement number:	5.1
Requirement name (use case name):	Add agent
Requirement short description:	The system must allow the Admin to add a new agent.
Requirement detailed description and constraints:	<ul style="list-style-type: none"> ➤ Actors: Admin (PBA) ➤ This happens when the admin wants to add an agent to the system. ➤ All agent details, including title, initials, surname, cell number and email address must be added to the system from the agent addition form.
Business rules applicable to this requirement	None
Revision date and Revision number:	2020-05-16 Version 2.0
Criticality/Priority:	High

2.3.5.2 Use Case 5.2 – Update Agent

Functional Requirement	Explanation
Requirement number:	5.2
Requirement name (use case name):	Update agent
Requirement short description:	The system must allow the Admin to update an existing agent.
Requirement detailed description and constraints:	<ul style="list-style-type: none">➤ Actors: Admin (PBA)➤ This happens when the admin wants to update an agent on the system.➤ All agent details, including title, initials, surname, cell number and email address must be updated to the system from the agent update form.
Business rules applicable to this requirement	None
Revision date and Revision number:	2020-05-16 Version 2.0
Criticality/Priority:	Medium

2.3.5.3 Use Case 5.3 – Search Agent

Functional Requirement	Explanation
Requirement number:	5.3
Requirement name (use case name):	Search agent
Requirement short description:	The system must allow the Admin/Owner to search an existing agent.
Requirement detailed description and constraints:	<ul style="list-style-type: none">➤ Actors: Admin/Owner (PBA)➤ This happens when the admin/owner wants to search an agent on the system.➤ All details of an existing agent, including title, initials, surname, cell number and email address must be displayed in the search result from the system.
Business rules applicable to this requirement	None

Revision date and Revision number:	2020-05-16 Version 2.0
Criticality/Priority:	Low

2.3.5.4 Use Case 5.4 – Delete Agent

Functional Requirement	Explanation
Requirement number:	5.4
Requirement name (use case name):	Delete agent
Requirement short description:	The system must allow the Admin to delete an existing agent.
Requirement detailed description and constraints:	<ul style="list-style-type: none"> ➤ Actors: Admin (PBA) ➤ This happens when the admin wants to delete an agent on the system. ➤ All agent details, including title, initials, surname, cell number and email address must be deleted from the system.
Business rules applicable to this requirement	None
Revision date and Revision number:	2020-05-16 Version 2.0
Criticality/Priority:	Low

2.3.5.5 Use Case 5.5 – Assign Agent

Functional Requirement	Explanation
Requirement number:	5.5
Requirement name (use case name):	Assign agent
Requirement short description:	The system must allow the Admin to search an existing agent.
Requirement detailed description and constraints:	<ul style="list-style-type: none">➤ Actors: Admin (PBA)➤ This happens when the admin wants to assign an agent on the system.➤ The admin selects an Agent and the property they will be assigned to..
Business rules applicable to this requirement	Agent must exist on the system.
Revision date and Revision number:	2020-05-16 Version 2.0
Criticality/Priority:	Low

2.3.6. Subsystem 6 – Property

2.3.6.1 Use Case 6.1 – Add Property

Functional Requirement	Explanation
Requirement number:	6.1
Requirement name (use case name):	Add property
Requirement short description:	The system must allow the admin to add a new property.
Requirement detailed description and constraints:	<ul style="list-style-type: none">• Actors: Admin (PBA)• This happens when the admin wants to add a property to the system.• All details of a property, including property type, number of rooms, rent or purchase price, location and number of bathrooms must be added to the system from the property addition form.
Business rules applicable to this requirement	The property must not exist on the system.
Revision date and Revision number:	2020-05-16 Version 1.0

Criticality/Priority:	High
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2.3.6.2 Use Case 6.2 – Update Property

Functional Requirement	Explanation
Requirement number:	6.2
Requirement name (use case name):	Update property
Requirement short description:	The system must allow the admin to update an existing property.
Requirement detailed description and constraints:	<ul style="list-style-type: none"> Actors: Admin (PBA) This happens when the admin wants to update a property on the system. All details of a property, including property type, number of rooms, rent or purchase price, location and number of bathrooms must be added to the system from the property update form.
Business rules applicable to this requirement	The property must exist on the system
Revision date and Revision number:	2020-05-16 Version 1.0
Criticality/Priority:	Medium

2.3.6.3 Use Case 6.3 – Delete Property

Functional Requirement	Explanation
Requirement number:	6.3
Requirement name (use case name):	Delete property
Requirement short description:	The system must allow the admin to delete an existing property.
Requirement detailed description and constraints:	<ul style="list-style-type: none"> Actors: Admin (PBA) This happens when the admin wants to delete a property on the system. All details of a property, including property type, number of rooms, rent or purchase price, location and number of bathrooms must be deleted from the system.
Business rules applicable to this requirement	The property must exist on the system

Revision date and Revision number:	2020-05-16 Version 1.0
Criticality/Priority:	Low

2.3.6.4 Use Case 6.4 – Search Property

Functional Requirement	Explanation
Requirement number:	6.4
Requirement name (use case name):	Search property
Requirement short description:	The system must allow the admin to search an existing property.
Requirement detailed description and constraints:	<ul style="list-style-type: none"> Actors: Admin (PBA) This happens when the admin wants to search an existing property on the system. All details of a property, including property type, number of rooms, rent or purchase price, location and number of bathrooms must be displayed from the system in the search results.
Business rules applicable to this requirement	The property must exist on the system
Revision date and Revision number:	2020-05-16 Version 1.0
Criticality/Priority:	Low

2.3.6.5 Use Case 6.5 – Add Property Type

Functional Requirement	Explanation
Requirement number:	6.5
Requirement name (use case name):	Add property Type
Requirement short description:	The system must allow the admin to add a new property type.
Requirement detailed description and constraints:	<ul style="list-style-type: none"> Actors: Admin (PBA) This happens when the admin wants to add a property to the system. All details of a property type, number of rooms, rent or purchase price, location and number of bathrooms must be added to the system from the property addition form.

Business rules applicable to this requirement	The property type must not exist on the system.
Revision date and Revision number:	2020-05-16 Version 1.0
Criticality/Priority:	High

2.3.6.6 Use Case 6.6 – Update Property Type

Functional Requirement	Explanation
Requirement number:	6.6
Requirement name (use case name):	Update property Type
Requirement short description:	The system must allow the admin to update an existing property type.
Requirement detailed description and constraints:	<ul style="list-style-type: none"> Actors: Admin (PBA) This happens when the admin wants to update a property on the system. All details of a property type, number of rooms, rent or purchase price, location and number of bathrooms must be added to the system from the property update form.
Business rules applicable to this requirement	The property type must exist on the system
Revision date and Revision number:	2020-05-16 Version 1.0
Criticality/Priority:	Medium

2.3.6.7 Use Case 6.7 – Delete Property Type

Functional Requirement	Explanation
Requirement number:	6.7
Requirement name (use case name):	Delete property type
Requirement short description:	The system must allow the admin to delete an existing property type.
Requirement detailed description and constraints:	<ul style="list-style-type: none"> Actors: Admin (PBA) This happens when the admin wants to delete a property type on the system. All details of a property, including property type, number of rooms, rent or purchase price, location

	and number of bathrooms must be deleted from the system.
Business rules applicable to this requirement	The property type must exist on the system
Revision date and Revision number:	2020-05-16 Version 1.0
Criticality/Priority:	Low

2.3.6.8 Use Case 6.8 – Search Property Type

Functional Requirement	Explanation
Requirement number:	6.8
Requirement name (use case name):	Search property type
Requirement short description:	The system must allow the admin to search an existing property type.
Requirement detailed description and constraints:	<ul style="list-style-type: none"> Actors: Admin (PBA) This happens when the admin wants to search an existing property type on the system. All details of a property, including property type, number of rooms, rent or purchase price, location and number of bathrooms must be displayed from the system in the search results.
Business rules applicable to this requirement	The property type must exist on the system
Revision date and Revision number:	2020-05-16 Version 1.0
Criticality/Priority:	Low

2.3.7. Subsystem 7 – Rental

2.3.7.1 Use Case 7.1 – Browse Properties

Functional Requirement	Explanation
Requirement number:	6.8
Requirement name (use case name):	Search property type
Requirement short description:	The system must allow the admin to search an existing property type.

Requirement detailed description and constraints:	<ul style="list-style-type: none"> Actors: Admin (PBA) This happens when the admin wants to search an existing property type on the system. All details of a property, including property type, number of rooms, rent or purchase price, location and number of bathrooms must be displayed from the system in the search results.
Business rules applicable to this requirement	The property type must exist on the system
Revision date and Revision number:	2020-05-16 Version 1.0
Criticality/Priority:	Low

2.3.7.2 Use Case 7.2 – Make Property Viewing Booking

Functional Requirement	Explanation
Requirement number:	7.2
Requirement name (use case name):	Make property viewing booking
Requirement short description:	The system must allow clients to book for property viewing
Requirement detailed description and constraints:	<ul style="list-style-type: none"> Actors: Client (PBA) This happens when the client wishes to book for property viewing All the relevant details must be saved to the system
Business rules applicable to this requirement	N/A
Revision date and Revision number:	2020-05-16 Version 1.0
Criticality/Priority:	Medium

2.3.7.3 Use Case 7.3 – Apply for Rental Agreement

Functional	Explanation
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Requirement	
Requirement number:	7.3
Requirement name (use case name):	Apply for Rental Agreement
Requirement short description:	The system must allow clients to apply for rental agreement
Requirement detailed description and constraints:	<ul style="list-style-type: none"> Actors: Client (PBA) Admin (ERA) This happens when the client wishes to apply for rental agreement All the relevant details must be saved to the system
Business rules applicable to this requirement	The rental agreement application should not exist on the system
Revision date and Revision number:	2020-05-16 Version 1.0
Criticality/Priority:	High

2.3.7.4 Use Case 7.4 – Make Payment

Functional Requirement	Explanation
Requirement number:	7.4
Requirement name (use case name):	Make payment
Requirement short description:	The system must allow clients to make payment
Requirement detailed description and constraints:	<ul style="list-style-type: none"> Actors: Client (PBA) Bank (ESA) This happens when the client wishes to make payment All the relevant details must be saved to the system
Business rules applicable to this requirement	N/A
Revision date and Revision number:	2020-05-16 Version 1.0
Criticality/Priority:	High

2.3.7.5 Use Case 7.5 – Accept Rental Agreement

Functional Requirement	Explanation
Requirement number:	7.5
Requirement name (use case name):	Accept Rental Agreement
Requirement short description:	The system must allow client to accept rental agreement
Requirement detailed description and constraints:	<ul style="list-style-type: none"> Actors: Client (PBA) This happens when the client wishes to accept rental agreement All the relevant details should be saved into the system
Business rules applicable to this requirement	The client must accept the rental agreement within 7 days from receiving the notification that the application has been approved
Revision date and Revision number:	2020-05-16 Version 1.0
Criticality/Priority:	High

2.3.7.6 Use Case 7.6 – Request to Terminate Rental Agreement

Functional Requirement	Explanation
Requirement number:	7.6
Requirement name (use case name):	Request to terminate rental agreement
Requirement short description:	The system must allow tenant to send request to terminate rental agreement
Requirement detailed description and constraints:	<ul style="list-style-type: none"> Actors: Tenant (PBA) Admin (ERA) This happens when the tenant request to terminate rental agreement
Business rules applicable to this requirement	N/A
Revision date and Revision number:	2020-05-16 Version 1.0
Criticality/Priority:	High

2.3.7.7 Use Case 7.7 – Request to Extend Rental Agreement

Functional Requirement	Explanation
Requirement number:	7.7
Requirement name (use case name):	Request to extend rental agreement
Requirement short description:	The system must allow tenant to send request to extend rental agreement
Requirement detailed description and constraints:	<ul style="list-style-type: none">• Actors: Tenant (PBA)• Admin (ERA)• This happens when the tenant request to extend rental agreement
Business rules applicable to this requirement	N/A
Revision date and Revision number:	2020-05-16 Version 1.0
Criticality/Priority:	High

2.3.7.8 Use Case 7.8 – Request Repair/ Maintenance Job

Functional Requirement	Explanation
Requirement number:	7.8
Requirement name (use case name):	Request maintenance job
Requirement short description:	The system must allow tenant to send request for maintenance
Requirement detailed description and constraints:	<ul style="list-style-type: none">• Actors: Tenant (PBA)• Admin (ERA)• This happens when the tenant request maintenance
Business rules applicable to this requirement	N/A
Revision date and Revision number:	2020-05-16 Version 1.0

Criticality/Priority:

High

2.3.7.9 Use Case 7.9 – View Repair/ Maintenance Job Feedback

Functional Requirement	Explanation
Requirement number:	7.9
Requirement name (use case name):	View repair/maintenance job feedback
Requirement short description:	The system must allow admin to view repair/maintenance job feedback
Requirement detailed description and constraints:	<ul style="list-style-type: none">Actors: Admin (PBA)Admin (ERA)This happens when the admin wishes view repair/maintenance job feedback
Business rules applicable to this requirement	Only authorized users will be allowed to search for a province from the system
Revision date and Revision number:	2020-05-16 Version 1.0
Criticality/Priority:	High

2.3.7.10 Use Case 7.10 – Capture Details on Maintenance Job Feedback

Functional Requirement	Explanation
Requirement number:	7.10
Requirement name (use case name):	Capture details on repair job feedback
Requirement short description:	The system must allow tenant to capture details on repair job feedback
Requirement detailed description and constraints:	<ul style="list-style-type: none">Actors: Tenant (PBA)Admin (ERA)This happens when the admin wishes view to capture details on repair job feedbackAll the relevant details must be saved on the system
Business rules applicable to this requirement	Only authorized users will be allowed to search for a province from the system

Revision date and Revision number:	2020-05-16 Version 1.0
Criticality/Priority:	High

2.3.8. Subsystem 8 – Inspection

2.3.8.1 Use Case 8.1 – Complete Move in Inspection

Functional Requirement	Explanation
Requirement number:	8.1
Requirement name (use case name):	Complete Move in inspection
Requirement short description:	The system must allow the maintenance guy to complete move in inspection on the system
Requirement detailed description and constraints:	<p>Actors: Maintenance Guy</p> <p>This happens when maintenance guy wants to complete a move in inspection on the system.</p> <p>All the details about the property or room must be entered including property number , name , location , status of the property before the tenants moves in.</p>
Business rules applicable to this requirement	Tenants must exist on the system
Revision date and Revision number:	2020-05-16 Version 1.0
Criticality/Priority:	Medium

2.3.8.2 Use Case 8.2 – Search Inspection

Functional Requirement	Explanation
Requirement number:	8.2
Requirement name (use case name):	Search inspection
Requirement short description:	The system must allow the admin to search for inspection

Requirement detailed description and constraints:	<p>Actors: Admin (PBA)</p> <p>This happens when the admin wants to search for inspection on the system.</p> <p>All the inspection information including the Unit that need to be inspected, date and time must be displayed after search has been completed</p> <p>Inspection status must also be displayed on the system</p>
Business rules applicable to this requirement	<p>Tenants must exist on the system.</p> <p>Tenants must have moved in.</p>
Revision date and Revision number:	2020-05-16 Version 1.0
Criticality/Priority:	Medium

2.3.8.3 Use Case 8.3 – Schedule Inspection

Functional Requirement	Explanation
Requirement number:	8.3
Requirement name (use case name):	Schedule inspection
Requirement short description:	The system must allow the admin to schedule an inspection.
Requirement detailed description and constraints:	<ul style="list-style-type: none"> Actors: Admin (PBA) This happens when the admin wants to schedule an inspection on the system. All inspection details, including date, inspection location, inspection type, tenant name and maintenance man name must be added from the system.
Business rules applicable to this requirement	
Revision date and Revision number:	2020-05-16 Version 1.0
Criticality/Priority:	High

2.3.8.4 Use Case 8.4 – Complete move out Inspection

Functional Requirement	Explanation
Requirement number:	8.4
Requirement name (use case name):	Complete move out inspection
Requirement short description:	The system must allow the maintenance guy to complete a move out inspection on the system
Requirement detailed description and constraints:	<p>Actors: maintenance guy</p> <p>This happens when maintenance guy wants to complete a move out inspection on the system.</p> <p>The admin will start by searching the move in inspection status and compare it to the move out inspection status.</p>
Business rules applicable to this requirement	Tenants must have terminated the contract.
Revision date and Revision number:	2020-05-16 Version 1.0
Criticality/Priority:	Medium

2.3.9. Subsystem 9 – Maintenance

2.3.9.1 Use Case 9.1 – View Repair/Maintenance Request Job

Functional Requirement	Explanation
Requirement number:	9.1
Requirement name (use case name):	View assigned repair request jobs
Requirement short description:	The system should allow the maintenance guy to view all jobs assigned to them.
Requirement detailed description and constraints:	<ul style="list-style-type: none">➤ Actors: Maintenance guy (PBA)➤ This happens when the maintenance guy selects to View the repair requests jobs assigned to them.➤ The repair request details include, the repair request ID, description, date, status, the property address and the Name and Employee ID of the maintenance guy.
Business rules applicable to this requirement	The maintenance guy must have an assigned job on the system.
Revision date and Revision number:	2020-05-16 Version 1.1
Criticality/Priority:	High

2.3.9.2 Use Case 9.2 – Capture Repair/Maintenance Request Details

Functional Requirement	Explanation
Requirement number:	9.2
Requirement name (use case name):	Add repair/maintenance items
Requirement short description:	The system should allow the maintenance guy to add repair supplies needed for a repair job.
Requirement detailed description and constraints:	<ul style="list-style-type: none">➤ Actors: Maintenance guy (PBA)➤ This happens when the maintenance guy selects to add repair supplies in order to satisfy a repair request job they have been assigned.

Business rules applicable to this requirement	The maintenance guy must have an assigned job on the system.
Revision date and Revision number:	2020-05-16 Version 1.1
Criticality/Priority:	Low

2.3.9.4 Use Case 9.3 – Add Repair Supplies

Functional Requirement	Explanation
Requirement number:	9.3
Requirement name (use case name):	Setup viewing schedule
Requirement short description:	The system must allow the maintenance guy to setup a viewing schedule
Requirement detailed description and constraints:	<ul style="list-style-type: none"> Actors: Maintenance guy (PBA) This happens when the maintenance guy wants to setup a viewing schedule to the system. All schedule details, including viewing date and time must be added to the system from the admin.
Business rules applicable to this requirement	
Revision date and Revision number:	2020-05-16 Version 1.0
Criticality/Priority:	High

2.3.9.1 Use Case9.4 – Capture repair request details

Functional Requirement	Explanation
Requirement number:	9.4
Requirement name (use case name):	Capture details on repair /maintenance job feedback
Requirement short description:	The system should allow the maintenance guy to capture the details of a completed repair request job.
Requirement detailed description and constraints:	<ul style="list-style-type: none"> ➤ Actors: Maintenance guy (PBA) ➤ Admin (ERA) ➤ This happens when the maintenance selects to input repair request details on a completed job.

	➤ The repair request details include, the repair request ID, description, date, status, the property address and the Name and Employee ID of the maintenance guy.
Business rules applicable to this requirement	The maintenance guy must have an assigned job on the system.
Revision date and Revision number:	2020-05-16 Version 1.1
Criticality/Priority:	Low

2.3.10. Subsystem 10 – Complaint

2.3.10.1 Use Case 10.1 – Add Complaint

Functional Requirement	Explanation
Requirement number:	10.1
Requirement name (use case name):	Add complaint
Requirement short description:	The system must allow Tenant to Add complaints.
Requirement detailed description and constraints:	<ul style="list-style-type: none"> ➤ Actors: Tenants (PBA) ➤ This happens when the tenant wants to file a complaint. ➤ Only tenants may file complaints
Business rules applicable to this requirement	Only tenants may add complaints
Revision date and Revision number:	2020-05-16 Version 2.0
Criticality/Priority:	High

2.3.10.2 Use Case 10.2 – Search Complaint

Functional Requirement	Explanation
Requirement number:	10.2
Requirement name (use case name):	Search complaint

Requirement short description:	The system must allow the Tenant/Owner/Admin to search for a complaint.
Requirement detailed description and constraints:	<ul style="list-style-type: none"> ➤ Actors: Tenant/Owner/Admin (PBA) ➤ This happens when the Tenant/Owner/Admin wants to search for a complaint on the system. ➤ Logged in Tenant/Owner/Admin user will be able to search for complaint
Business rules applicable to this requirement	User must be logged in to search for a complaint
Revision date and Revision number:	2020-05-16 Version 2.0
Criticality/Priority:	Medium

2.3.10.3 Use Case 10.3 – Assign Complaint

Functional Requirement	Explanation
Requirement number:	10.3
Requirement name (use case name):	Assign Complaint
Requirement short description:	The system must allow the Admin to assign a complaint.
Requirement detailed description and constraints:	<ul style="list-style-type: none"> ➤ Actors: Admin (PBA) ➤ Maintenance person (ERA) ➤ This happens when the admin wants to assign a complaint ➤ A maintenance person is assigned to the complaint and is sent the details
Business rules applicable to this requirement	None
Revision date and Revision number:	2020-05-16 Version 2.0
Criticality/Priority:	Medium

2.3.10.4 Use Case 10.4 – Update Complaint

Functional Requirement	Explanation
Requirement number:	10.4
Requirement name (use case name):	Update Complaint
Requirement short description:	The system must allow the Tenant to update complaint.
Requirement detailed description and constraints:	<ul style="list-style-type: none">➤ Actors: Tenants (PBA)➤ This happens when the tenant wants to update complaints➤ Only tenant must be able to make changes to the complaints
Business rules applicable to this requirement	Can only be updated if it hasn't been assigned yet.
Revision date and Revision number:	2020-05-16 Version 2.0
Criticality/Priority:	Low

2.3.10.5 Use Case 10.5 – Delete Complaint

Functional Requirement	Explanation
Requirement number:	10.4
Requirement name (use case name):	Delete Complaint
Requirement short description:	The system must allow the Tenant to delete complaint
Requirement detailed description and constraints:	<ul style="list-style-type: none">➤ Actors: Tenants (PBA)➤ This happens when the tenants want to delete an existing complaint.➤ Only tenants who filed a complaint may be allowed to delete the complaint
Business rules applicable to this requirement	Can only be deleted if it has not been assigned yet.
Revision date and Revision number:	2020-05-16 Version 2.0
Criticality/Priority:	Low

2.3.10.6 Use Case 10.6 – Add Feedback

Functional Requirement	Explanation
Requirement number:	10.6
Requirement name (use case name):	Add Feedback
Requirement short description:	The system must allow Tenant to Add Feedback.
Requirement detailed description and constraints:	<ul style="list-style-type: none">➤ Actors: Tenants (PBA)➤ This happens when the tenant wants to add a feedback.➤ Only tenants may file complaints➤ Once the maintenance person is done with the assignment the Tenant may add a feedback.
Business rules applicable to this requirement	Only tenants may add feedback.
Revision date and Revision number:	2020-05-16 Version 2.0
Criticality/Priority:	High

2.3.11. Subsystem 11 – Booking

2.3.11.1 Use Case 11.1 – Search Booking

Functional Requirement	Explanation
Requirement number:	11.1
Requirement name (use case name):	Search Booking
Requirement short description:	The system must allow the admin to search for booking
Requirement detailed description and constraints:	<ul style="list-style-type: none">➤ Actors: Admin (PBA)➤ This happens when the admin wishes to search for booking➤ All the relevant details must be retrieved from the system
Business rules applicable to this requirement	Only admin will be allowed to search, and view booking made by clients
Revision date and Revision number:	2020-05-16 Version 1.0
Criticality/Priority:	High

2.3.11.2 Use Case 11.2 – Cancel Booking

Functional Requirement	Explanation
Requirement number:	11.2
Requirement name (use case name):	Cancel Booking
Requirement short description:	The system must allow the client to cancel booking
Requirement detailed description and constraints:	<ul style="list-style-type: none"> ➤ Actors: Client (PBA) ➤ This happens when the client wishes to cancel booking ➤ All the relevant details must be removed from the system
Business rules applicable to this requirement	A cancelled booking cannot be retrieved
Revision date and Revision number:	2020-05-16 Version 1.0
Criticality/Priority:	Medium

2.3.11.3 Use Case 11.3 – Update Booking

Functional Requirement	Explanation
Requirement number:	11.3
Requirement name (use case name):	Update Booking
Requirement short description:	The system must allow the admin to update booking
Requirement detailed description and constraints:	<ul style="list-style-type: none"> ➤ Actors: Client (PBA) ➤ This happens when the admin wishes to update booking ➤ All the relevant details must be updated into the system
Business rules applicable to this requirement	Only an administrator can update client's booking details
Revision date and Revision number:	2020-05-16 Version 1.0
Criticality/Priority:	High

2.3.12. Subsystem 12 – Admin

2.3.12.1 Use Case 12.1 – Review Rental Application

Functional Requirement	Explanation
Requirement number:	12.1
Requirement name (use case name):	Review rental application
Requirement short description:	The system must allow the admin to review the rental application.
Requirement detailed description and constraints:	<ul style="list-style-type: none"> ➤ Actors: Admin (PBA) ➤ Client (ERA) ➤ A background check has to be done on the potential tenants in order to make sure that best tenants are approved ➤ The application documents include Rental application form , 3 month bank statement, Bursary letter (where applicable), Valid ID Document.
Business rules applicable to this requirement	<ul style="list-style-type: none"> ➤ The clients' income should be three times the rent amount.
Revision date and Revision number:	2020-05-16 Version 1.1
Criticality/Priority:	High

2.3.12.2 Use Case 12.2 – View Rental Extension Request

Functional Requirement	Explanation
Requirement number:	12.2
Requirement name (use case name):	View rental extension requests
Requirement short description:	The system must allow the Admin to view all the extension request from the tenants.
Requirement detailed description and constraints:	<ul style="list-style-type: none"> ➤ Actors: Admin (PBA) ➤ This happens when the admin she selects to view extension requests. ➤ The system displays the details of the Tenant, Name, surname, phonenumber , email and date it was requested
Business rules applicable to this requirement	<ul style="list-style-type: none"> ➤ Only the admin may view rental extension requests
Revision date and Revision number:	2020-05-16 Version 1.1
Criticality/Priority:	Low

2.3.12.3 Use Case 12.3 – Extend Rental Agreement

Functional Requirement	Explanation
Requirement number:	12.3
Requirement name (use case name):	Extend Rental agreement
Requirement short description:	The system must allow the tenants to extent their rental agreement.
Requirement detailed description and constraints:	<ul style="list-style-type: none">➤ Actors: Tenant (PBA)➤ Admin (PSA)➤ Tenant select to extent a contract and agrees with all the terms and conditions➤ The lease details include the tenants' name, surname, the property address and the lease period.
Business rules applicable to this requirement	<ul style="list-style-type: none">➤ The client must have a pre existing lease agreement in order to extend their lease agreement.
Revision date and Revision number:	2020-05-16 Version 1.1
Criticality/Priority:	High

2.3.12.4 Use Case 12.4 – Extend Deposit Due Date

Functional Requirement	Explanation
Requirement number:	12.4
Requirement name (use case name):	Extend deposit due date
Requirement short description:	The system must allow the admin to extend the deposit due date in cases where the potential tenant is unable to pay the deposit within 7 days with a valid reason.
Requirement detailed description and constraints:	<ul style="list-style-type: none">➤ Actors: Client (PBA)➤ Admin (PSA)➤ This happens when the client wants to extend the due date for their deposit.➤ The tenant details, including the valid reason for extension and the new deposit date.
Business rules applicable to this requirement	The due date can only be extended with a valid reason
Revision date and Revision number:	2020-05-16 Version 1.1
Criticality/Priority:	Low

2.3.12.5 Use Case 12.5 – Reminder Lease Agreement Expiration

Functional Requirement	Explanation
Requirement number:	12.5
Requirement name (use case name):	Reminder lease agreement expiration
Requirement short description:	The system must allow time to send a reminder to the tenant and owner about the contract expiration.
Requirement detailed description and constraints:	<ul style="list-style-type: none"> ➤ Actors: Time (PBA) ➤ Tenant (ERA) ➤ This happens when the lease contract expires in a month and a reminder is sent out by the system. ➤ The contract details, including the expiration date, tenant name, surname, property address and the lease period.
Business rules applicable to this requirement	The expiration reminder is 30 days before the rental agreement expires.
Revision date and Revision number:	2020-05-16 Version 1.1
Criticality/Priority:	Low

2.3.12.6 Use Case 12.6 – View Rental Termination Request

Functional Requirement	Explanation
Requirement number:	12.6
Requirement name (use case name):	View rental termination requests
Requirement short description:	The system must allow the Admin to view all the terminations request from the tenants.
Requirement detailed description and constraints:	<ul style="list-style-type: none"> ➤ Actors: Admin (PBA) ➤ This happens when the admin she selects to view termination requests. ➤ The system displays the details of the Tenant, Name, surname, phonenumber , email and date it was requested
Business rules applicable to this requirement	<ul style="list-style-type: none"> ➤ Only the admin may view rental termination requests
Revision date and Revision number:	2020-05-16 Version 1.1
Criticality/Priority:	Low

2.3.12.7 Use Case 12.7 – Terminate Rental Agreement

Functional Requirement	Explanation
Requirement number:	12.7
Requirement name (use case name):	Terminate Rental agreement
Requirement short description:	The system must allow the tenant to be able to terminate the contract/to cancel the contract
Requirement detailed description and constraints:	<ul style="list-style-type: none"> ➤ Actors: Tenant (PBA) ➤ A tenant selects to terminate an existing contract and agree with all the terms of the action ➤ The Contract is only terminated from the system once termination fee is paid and a notification is sent to the administrator. ➤ Contract status changes to terminated
Business rules applicable to this requirement	<ul style="list-style-type: none"> ➤ Only existing tenants can cancel their contract. ➤ Contract can only be cancelled with a penalty fee.
Revision date and Revision number:	2020-05-16 Version 1.1
Criticality/Priority:	Low

2.3.12.8 Use Case 12.8 – Send Payment Reminder

Functional Requirement	Explanation
Requirement number:	12.8
Requirement name (use case name):	Send Payment reminder
Requirement short description:	The system must automatically send payment reminders
Requirement detailed description and constraints:	<ul style="list-style-type: none"> ➤ Actors: Time (PBA) ➤ Tenant (ERA) ➤ Time initiates that on the 25th of every month the tenant's must be notified via email that the rent is due.
Business rules applicable to this requirement	<ul style="list-style-type: none"> ➤ Payment reminder are send out on the 25 of each month
Revision date and Revision number:	2020-05-16 Version 1.1
Criticality/Priority:	Low

2.3.12.9 Use Case 12.9 – Assign Repair/Maintenance Request Job

Functional Requirement	Explanation
Requirement number:	12.9
Requirement name (use case name):	Assign repair/maintenance request job
Requirement short description:	The system must allow the admin to be able to assign a maintenance repair task.
Requirement detailed description and constraints:	<ul style="list-style-type: none">➤ Actors: Admin (PBA)➤ Maintenance guy (ERA)➤ This happens after the admin has received a notification from the tenant about a maintenance request.➤ The admin then assigns the task to a maintenance man who works in the area based on his schedule.➤ The tenant and maintenance man will both receive a notification of when the task will be attended to.
Business rules applicable to this requirement	<ul style="list-style-type: none">➤ The maintenance man must be given a time span of at least a week to complete the task.
Revision date and Revision number:	2020-05-16 Version 1.1
Criticality/Priority:	Low

2.3.12.10 Use Case 12.10 – View Repair/Maintenance Request Job

Functional Requirement	Explanation
Requirement number:	12.10
Requirement name (use case name):	View repair/maintenance request jobs
Requirement short description:	The system must allow the admin to be able to view repair request jobs.
Requirement detailed description and constraints:	<ul style="list-style-type: none">➤ Actors: Admin (PBA)➤ This happens when the admin request to view repair request jobs in order to assign them.➤ Repair request job details include a repair request job with a status of incomplete.
Business rules applicable to this requirement	<ul style="list-style-type: none">➤ Maintenance tasks are completed by the maintenance guys assigned to each building
Revision date and Revision number:	2020-05-16 Version 1.1
Criticality/Priority:	Medium

2.3.13. Subsystem 13 – Location

2.3.13.1 Use Case 13.1 – Add City

Functional Requirement	Explanation
Requirement number:	13.1
Requirement name (use case name):	Add City
Requirement short description:	The system must allow the admin to add a new city
Requirement detailed description and constraints:	<ul style="list-style-type: none"> Actors: Admin (PBA) This happens when the admin wants to add a city to the system. All city details, including city name must be added to the system from the admin.
Business rules applicable to this requirement	The city must not exist on the system
Revision date and Revision number:	2020-05-16 Version 1.0
Criticality/Priority:	High

2.3.13.2 Use Case 13.2 – Update City

Functional Requirement	Explanation
Requirement number:	13.2
Requirement name (use case name):	Update City
Requirement short description:	The system must allow the admin to update a city on the system.
Requirement detailed description and constraints:	<ul style="list-style-type: none"> Actors: Admin (PBA) This happens when the admin wants to update a city on the system. All city details must be changed accordingly on the system.
Business rules applicable to this requirement	
Revision date and Revision number:	2020-05-16 Version 1.0
Criticality/Priority:	Medium

2.3.13.3 Use Case 13.3 – Delete City

Functional Requirement	Explanation
Requirement number:	13.3
Requirement name (use case name):	Delete City

Requirement short description:	The system must allow the admin to delete a city from the system.
Requirement detailed description and constraints:	<ul style="list-style-type: none"> Actors: Admin (PBA) This happens when the admin wants to delete city from the system. All city details must be deleted from the system.
Business rules applicable to this requirement	
Revision date and Revision number:	2020-05-16 Version 1.0
Criticality/Priority:	Medium

2.3.13.4 Use Case 13.4 – Search City

Functional Requirement	Explanation
Requirement number:	13.4
Requirement name (use case name):	Search City
Requirement short description:	The system must allow the admin to search a city on the system.
Requirement detailed description and constraints:	<ul style="list-style-type: none"> Actors: Admin (PBA) This happens when the admin wants to search a city from the system. All city details must be displayed on the system.
Business rules applicable to this requirement	
Revision date and Revision number:	2020-05-16 Version 1.0
Criticality/Priority:	Medium

2.3.13.5 Use Case 13.5 – Add Area

Functional Requirement	Explanation
Requirement number:	13.5
Requirement name (use case name):	Add Area
Requirement short description:	The system must allow the admin to add a new area
Requirement detailed description and constraints:	<ul style="list-style-type: none"> Actors: Admin (PBA)

	<ul style="list-style-type: none"> This happens when the admin wants to add an area to the system. All area details, including area name must be added to the system from the admin.
Business rules applicable to this requirement	The area must not exist on the system
Revision date and Revision number:	2020-05-16 Version 1.0
Criticality/Priority:	High

2.3.13.6 Use Case 13.6 – Update Area

Functional Requirement	Explanation
Requirement number:	13.6
Requirement name (use case name):	Update Area
Requirement short description:	The system must allow the admin to update an area on the system.
Requirement detailed description and constraints:	<ul style="list-style-type: none"> Actors: Admin (PBA) This happens when the admin wants to update an area on the system. All area details must be changed accordingly on the system.
Business rules applicable to this requirement	
Revision date and Revision number:	2020-05-16 Version 1.0
Criticality/Priority:	Medium

2.3.13.7 Use Case 13.7 – Delete Area

Functional Requirement	Explanation
Requirement number:	13.7
Requirement name (use case name):	Delete Area
Requirement short description:	The system must allow the admin to delete an area from the system.
Requirement detailed description and constraints:	<ul style="list-style-type: none"> Actors: Admin (PBA) This happens when the admin wants to delete an area from the system. All area details must be deleted from the system.
Business rules applicable to this requirement	

Revision date and Revision number:	2020-05-16 Version 1.0
Criticality/Priority:	Medium

2.3.13.8 Use Case 13.8 – Search Area

Functional Requirement	Explanation
Requirement number:	13.8
Requirement name (use case name):	Search Area
Requirement short description:	The system must allow the admin to search an area on the system.
Requirement detailed description and constraints:	<ul style="list-style-type: none"> Actors: Admin (PBA) This happens when the admin wants to search an area from the system. All area details must be displayed on the system.
Business rules applicable to this requirement	
Revision date and Revision number:	2020-05-16 Version 1.0
Criticality/Priority:	Medium

2.3.13.9 Use Case 13.9 – Add Province

Functional Requirement	Explanation
Requirement number:	13.9
Requirement name (use case name):	Add Province

Requirement short description:	The system must allow the admin to add a new province
Requirement detailed description and constraints:	<ul style="list-style-type: none"> Actors: Admin (PBA) This happens when the admin wants to add a province to the system. All province details, including province name must be added to the system from the admin.
Business rules applicable to this requirement	The province must not exist on the system
Revision date and Revision number:	2020-05-16 Version 1.0
Criticality/Priority:	High

2.3.13.10 Use Case 13.10 – Update Province

Functional Requirement	Explanation
Requirement number:	13.10
Requirement name (use case name):	Update Province
Requirement short description:	The system must allow the admin to update a province on the system.
Requirement detailed description and constraints:	<ul style="list-style-type: none"> Actors: Admin (PBA) This happens when the admin wants to update a province on the system. All province details must be changed accordingly on the system.
Business rules applicable to this requirement	
Revision date and Revision number:	2020-05-16 Version 1.0
Criticality/Priority:	Medium

2.3.13.11 Use Case 13.11 – Delete Province

Functional Requirement	Explanation
Requirement number:	13.11
Requirement name (use case name):	Delete Province
Requirement short description:	The system must allow the admin to delete a province from the system.
Requirement detailed description and constraints:	<ul style="list-style-type: none"> Actors: Admin (PBA) This happens when the admin wants to delete a province from the system.

	<ul style="list-style-type: none"> All province details must be deleted from the system.
Business rules applicable to this requirement	
Revision date and Revision number:	2020-05-16 Version 1.0
Criticality/Priority:	Medium

2.3.13.12 Use Case 13.12 – Search Province

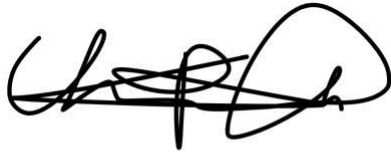
Functional Requirement	Explanation
Requirement number:	13.12
Requirement name (use case name):	Search Province
Requirement short description:	The system must allow the admin to search a province on the system.
Requirement detailed description and constraints:	<ul style="list-style-type: none"> Actors: Admin (PBA) This happens when the admin wants to search a province from the system. All province details must be displayed on the system.
Business rules applicable to this requirement	
Revision date and Revision number:	2020-05-16 Version 1.0
Criticality/Priority:	Medium

13.12 Search Province

Motivation for changes

- Use case 8.5 Request Maintenance job an abstract use case was added, seeing as maintenance occurs after the completion of either a move in or move out inspection
- 12.10 – 12.14 were removed, the suggested method for capturing repair supplies made these use cases redundant.
- Naming conventions were changed under **subsystem 9** to make more sense
- Use cases for adding repair and maintenance items we modified so that they make sense, two use cases were merged into one since they both contained steps that could be implemented into one use case.

The client has seen and accepts the changes that have been made to the requirements of the system for deliverable 3 and 4.



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Panashe Chitumba

Dr Hattingh takes note of the changes that has been made to the requirements of the system for deliverable 3 and 4.



Dr MJ Hattingh

2 August 2020