

Test Procedures

Acronyms			
UAB	Universitat Autònoma de Barcelona	SE	Software Engineering
UPF	Universitat Pompeu Fabra		
NA	Neighbourhood association	PA	Property Administrator

Revision History			
Version	Date	Comments	Autor
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1 Introduction

Test cases are used to detect deviations from the specifications and to make sure that the required inputs, the specific executing conditions and other criteria are met.

In this case we will define the test cases for three cases which are:

- **Add meeting**
- **User management (Delete User)**
- **Manage Notifications**

Each of the test cases has:

- A number that represents the order in the steps that have to be followed.
- A description of that specific step.
- The desired input.
- The output that is expected after there has been an input.
- A commentary of that step (If necessary).

2 TP-01 : Add meeting

In this Test Procedure we will verify all possible scenarios related to the addition of a meeting.

Step	01
Description	System Start
Input	The system must be available and user shall be logged with a username and password
Output	System booted properly, without errors
Comments	

Step	02
Description	Main Page Access
Input	The system shows the main page interface of a Neighbourhood association
Output	Main Page without error
Comments	

Step	03
Description	Calendar Access
Input	When the user clicks the calendar should be open
Output	The system opens the calendar window.
Comments	

Step	04
Description	Default view
Input	The calendar window is displayed
Output	The default current month view must be displayed
Comments	

Step	05
Description	Adding new event
Input	User clicks to new meeting
Output	The system displays a new window with empty spaces that the user shall fill: <ul style="list-style-type: none"> • Name • Place • Day/Month/Year • Description
Comments	

Step	06
Description	Required Information
Input	User provide the mentioned information required <ul style="list-style-type: none"> • Name • Place • Day/Month/Year • Description
Output	The system will retrieve what the user has written
Comments	

Step	07
Description	Invalid event name
Input	When the information is required a user writes a name ^ or the name is not written
Output	<ul style="list-style-type: none"> • The system detects that the name is written by symbols or that the name has not been introduced. • The system shows an error • The meeting is not added
Comments	

Step	08
Description	No event name
Input	The name is not written
Output	<ul style="list-style-type: none"> • The system detects that the name has not been introduced. • The system shows an error • The meeting is not added
Comments	

Step	09
Description	Invalid description
Input	When the information is required a user writes an invalid description [[[342**!
Output	The system detects that the description is written by symbols. <ul style="list-style-type: none"> • The system shows an error • The meeting is not added
Comments	

Step	10
Description	Invalid date
Input	An invalid month 14, day 32 or year 1972 is entered.
Output	<ul style="list-style-type: none"> • The system shows an error • The meeting is not added
Comments	

Step	11
Description	Multiple Events
Input	An event is overwriting another event
Output	The system will keep none of them to the database
Comments	

Step	12a
Description	Notification
Input	The information of the event is shown and sent to all users in that NA.
Output	The system will send a notification to the users indicating that a new event has been created and its information
Comments	

3 TP-02 : User Management (Delete User)

In this Test Procedure we will verify all possible scenarios related to the user management of our system, in particular the deletion of a user.

Step	01
Description	System Start
Input	The system starts with a database with all the users and the administrator has access to the this database
Output	System booted properly, without errors
Comments	

Step	02
Description	User List
Input	Accessed to list of users of the database
Output	The system shows a new window with a list of users. The information shown of each user is the <i>username</i> and the list of neighbourhood associations it belongs to.
Comments	

Step	03
Description	Valid Search User
Input	A Username or a neighbourhood association are entered to the search box
Output	The system search in the database the same name and displays a list of all the users that matches with the search introduced
Comments	

Step	04
Description	Invalid Search User
Input	An invalid username *** is entered in the search box
Output	<ul style="list-style-type: none"> • The system detects an invalid search • The system displays an error message indicating that there has been an error with the search
Comments	

Step	05
Description	No coincidences
Input	A Username is entered to the search box
Output	<ul style="list-style-type: none"> • The system searches name in the database • The system detects that there are no users that match with the information added. • The system shows an empty dataframe
Comments	

Step	06
Description	User selection
Input	A user is selected
Output	The system will display a pop-up window with the information of the user.
Comments	

Step	07
Description	Notification
Input	The information of the user is shown and the send notification to that user is chosen
Output	The system will send a notification to the user indicating that its account will be deleted by the app administrator.
Comments	

Step	08
Description	Valid Deletion
Input	Remove option is clicked
Output	<ul style="list-style-type: none"> • The system will remove the user account. • The system will remove the user from the database. • The system will indicate with a message that the user has been removed correctly.
Comments	

Step	09
Description	Invalid Deletion
Input	A user is selected and the remove option is clicked
Output	<ul style="list-style-type: none">• The system will indicate with a message that the user has not been removed correctly.• The system shows a message indicating that the database should be updated.
Comments	The Invalid Deletion could happen when the user has already deleted its account

4 TP-03 : Manage Notifications

Step	01
Description	Notification Inserted
Input	A notification is inserted to the system.
Output	The system sends the notification to the corresponding users.
Comments	

Step	02
Description	Notification Received
Input	The notification is received by the user.
Output	The system shows a u pop-up window with brief information
Comments	

Step	03
Description	Notification Selection: Accept
Input	The user accepts the notification.
Output	A window is shown with detailed information.
Comments	

Step	04
Description	Reject Notification
Input	The user rejects the notification.
Output	The system erases the notification for that user and returns a message of deleted notification.
Comments	

Step	05
Description	Remind Notification Later
Input	The user chooses to receive the notification later.
Output	The system lets the user choose when he wants to receive the notification again.
Comments	

Step	06
Description	Choose Time
Input	<p>The user receives different options to choose from:</p> <ul style="list-style-type: none"> • 5 minutes • 1 hour • 1 day <p>and chooses one.</p>
Output	The system will receive the information and resend the notification after the chosen time has passed.
Comments	