

Use case template

Report Bug System(RBS)

ID and name	Login		
Primary actor	Employee	Secondary actors	Report Bug System
Description	The Employee logs in as a programmer or as a tester.		
Trigger	Oppen the app		
Preconditions	PRE-1: The Employee has an account into the system and knows the username and password		
Postconditions	POST-1: RBS logs in the employee and opens the app for tester if the employee loged in as a tester or for programmer if loged in as a programmer		
Normal flow	<ol style="list-style-type: none">1. Employee opens the app2. RBS opens the log in window3. Employee select to log in as a programmer or as a tester4. Employee enters the username and password and logs in5. RBS logs in the user and show the specific window		
Alternative flows			
Exceptions	<p>E1.1 There is no acount with the username introduced</p> <p>E.1.2 RBS inform the employee that there is no account with the username.</p> <p>E2.1 The employee introduces the wrong password</p> <p>E2.2 RBS inform the employee that he introduced the wrong password.</p>		

ID and name	Register Bug		
Primary actor	Tester	Secondary actors	Report Bug System
Description	The tester insert the name and a detailed description of the new bug and registers the new bug into the system. The system updates the bugs list, adding the new bug to the list.		
Trigger	The tester press the button to register the new bug.		
Preconditions	PRE-1: The tester is logged in to RBS PRE-2: The tester finds a new bug on the system.		
Postconditions	POST-1: The bug is register into the system POST-2: The system bugs list is updated		
Normal flow	<ol style="list-style-type: none"> 1. Tester finds a new bug in the system and wants to report it 2. Tester insert the name and the description of the bug 3. Tester press the register bug button to save the new bug 4. RBS updates the bug lists from the system 		
Alternative flows			
Exceptions			

ID and name	View bug list		
Primary actor	Tester	Secondary actors	Report Bug System
Description	The employee look in the bugs added by testers and can see the bug names and their description, which bugs are assigned or not by a programmer.		
Trigger	The employee logs in to the app		
Preconditions	PRE-1: The employee is logged in		
Postconditions	POST-1: RBS loads the updated bugs list		
Normal flow	1. The programmer scrolls through the bugs list		
Alternative flows			
Exceptions			

ID and name	Assign bug		
Primary actor	Programmer	Secondary actors	Report Bug System
Description	The programmer visualizes the bugs list from the RBS and if the bug is not assigned he can select it and assign to himself.		
Trigger	The programmer selects the bug from the list and presses the assign button.		
Preconditions	PRE-1: The programmer is logged into RBS(ReportBugSystem) PRE-2: The selected bug is not assigned already.		
Postconditions	POST-1: The bug list is updated, and the bug is assigned to the programmer		
Normal flow	<ol style="list-style-type: none"> 1. RBS shows all the bugs added by the testers 2. Programmer visualizes the bugs list and selects a bug to solve and assign it to himself. 3. RBS updates the bugs list and assign bug to the programmer 		
Alternative flows			
Exceptions			

ID and name	Solve bug		
Primary actor	Programmer	Secondary actors	Report Bug System
Description	The programmer visualizes the bug lists from the RBS and after solving a bug, selects it from the list and mark it as solved.		
Trigger	The programmer selects the bug from the list and presses the solved button.		
Preconditions	PRE-1: The programmer is logged into RBS(ReportBugSystem) PRE-2: The bug is assigned to the programmer.		
Postconditions	POST-1: The bug list is updated, removing the solved bug from the list		
Normal flow	<ol style="list-style-type: none"> 1. The programmer marks it as solved by selecting it from the list and pressing the solved button 2. RBS updates the bugs list and removes the solved bug 		
Alternative flows			
Exceptions			

ID and name	Search bug		
Primary actor	Tester	Secondary actors	Report Bug System
Description	The employee look in the bugs added by testers with the names assigned in the search field.		
Trigger	The employee type in the search box field		
Preconditions	PRE-1: The employee is loged in PRE-2: The employee is viewing the bug list		

Postconditions	POST-1: RBS loads the updated bugs list
Normal flow	1. The employee searches the name of the bug he wants to find in the search box at the view bugs window. 2 RBS loads the updated bugs list
Alternative flows	
Exceptions	

ID and name	Filter		
Primary actor	Tester	Secondary actors	Report Bug System
Description	The employee look in the bugs added by testers and can see the bugs that are filtered by the solved attribute.		
Trigger	The employee checks the solved checkbox		
Preconditions	PRE-1: The employee is logged in		

Postconditions	POST-1: RBS loads the updated bugs list
Normal flow	1. The employee check the solved checkbox filter 2. RBS loads the updated bug list
Alternative flows	
Exceptions	

Iteratii:

I. Login – Register bug – View bugs list

II. Assign bug, solve bug

III. Filter bug, search bug