

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 is a tester or for programmer if is a programmer		
Normal flow	<ol style="list-style-type: none">1. Employee opens the app2. RBS opens the log in window3. Employee enters the username and password and logs in4. RBS logs in the user and shows the updated bugs list		
Alternative flows			
Exceptions	<p>E1.1 The Employee introduces a wrong username</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 inserts 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 presses the button to register a new bug.		
Preconditions	PRE-1: The tester is logged in to RBS PRE-2: The tester finds a new bug.		
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 presses the button to register a new bug. 2. RBS shows the form to register the bug 3. Tester insert the name and the description of the bug 4. RBS updates the fields with the given information 5. Tester presses the register bug button to save the new bug 6. RBS updates the bug lists from the system 		
Alternative flows			
Exceptions			

ID and name	View bugs list		
Primary actor	Tester	Secondary actors	Report Bug System

Description	Tester looks in the bugs list where sees the bugs name and their description, which bugs are assigned or not by a programmer, by whom and in what date was solved.		
Trigger	The Tester is on register bug page and presses the view bugs button		
Preconditions	PRE-1: The tester is logged in		
Postconditions	POST-1: RBS loads the updated bugs list		
Normal flow	1. The tester presses the view bugs button 2. The RBS loads the updated 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 and assign it 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 programmer is on view bugs page PRE-3: The bug is not assigned		
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. Programmer visualizes the bugs list and selects a bug to solve and assigns it to himself. 2. RBS updates the bugs list and assign the 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 marks it as solved.
Trigger	The programmer selects the bug from the list and presses the solve button.
Preconditions	PRE-1: The programmer is logged into RBS(ReportBugSystem) PRE-2: The programmer is on view bugs page PRE-3: The programmer have the bug assigned
Postconditions	POST-1: The bug is marked as solved and the bug list is updated
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
Alternative flows	
Exceptions	

ID and name	Logout		
Primary actor	Employee	Secondary actors	Report Bug System
Description	The Employee logs out in the app.		
Trigger	The Employee presses the logout button.		

Preconditions	PRE-1: The employee is logged in
Postconditions	POST-1: RBS logs out the employer from the system.
Normal flow	1. The Employee presses the logout button 2 RBS logs out and redirect the Employee to login page.
Alternative flows	
Exceptions	

ID and name	Filter bugs		
Primary actor	Employee	Secondary actors	Report Bug System
Description	The employee look in the bugs list and can filter them by title, tester, developer and if it is solved or assigned.		

Trigger	The employer complete the fields and presses the search button.
Preconditions	PRE-1: The employee is logged in
Postconditions	POST-1: RBS loads the updated bugs list
Normal flow	1. The employee complete the fields in the Filters box 2. RBS updates the fields 3 Employeeer presses the search button 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