**Use case template**

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| ID and name | 1.Report a bug | | |
| Primary actor | Tester | Secondary actors | Bug System |
| Description | A tester acceses the Bug System to report a bug that he encountered. He gives it a name, a description and sends to the programmers. | | |
| Trigger | A tester wants to report a bug | | |
| Preconditions | PRE-1:The person accesing the system is logged in as Tester(NOT a programmer) | | |
| Postconditions | POST-1:The tester is notified that the bug has been reported POST-2:The programmers receive the report | | |
| Normal flow | **1.0 Reporting a single bug**   1. Tester asks to report a bug 2. The tester sees a list to see if a similar report already exists 3. Tester enters the name and description of the bug 4. Tester selects that he wants to report the bug 5. The system confirms the report 6. The system stores the report and updates the programmers list of reports | | |
| Alternative flows | **1.1 Report multiple bugs**   1. Tester asks to report another bug 2. Return to step 1 of normal flow | | |
| Exceptions | **1.0 New report has the same name as another already exitent one**   1. The system notifies the Tester that the name is already in the system 2. Return to step 3 of normal flow | | |

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| ID and name | 2.Login | | |
| Primary actor | Tester/Developer | Secondary actors | Login System |
| Description | A developer wants to login into the Bug Reporting System.He will enter his Username and Password and then click Login.He is taken to the main screen | | |
| Trigger | A developer want to login into the System | | |
| Preconditions | PRE-1:The User has a account | | |
| Postconditions | POST-1:The User is sent to the main Bug System screen | | |
| Normal flow | **1.Normal Login:**   1. The user wants to login 2. The user enters his Username and Password 3. The System verifies if the user exists 4. The System sends the user to the main System screen | | |
| Alternative flows | None | | |
| Exceptions | **1.Username/Password is incorrect**   1. The System notifies the User that the Username/Password is incorrect 2. Return to step 2 of Normal Flow | | |

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| --- | --- | --- | --- |
| ID and name | 3.Remove Bug | | |
| Primary actor | Programmer | Secondary actors | Bug System |
| Description | A programmer wants to remove a bug that has been solved by him from the Bug List. He selects a bug from the list and they clicks a button to remove it. | | |
| Trigger | A programmer wants to remove a bug | | |
| Preconditions | PRE-1:The bug exists | | |
| Postconditions | POST-1:The bug is removed from the list(for all programmers)  POST-2:The programmers is prompted that the bug was removed | | |
| Normal flow | **1.Remove one bug**   1. The user wants to remove a bug 2. The user selects a bug from the Bug List 3. The user clicks a button to remove it 4. The System removes the bug from all the lists(for all programmers) 5. The users is given a notification of succes | | |
| Alternative flows | **2.Removing more than 1 bug**   1. The user selects multiple bugs 2. The user clicks the button to remove them 3. The System asks the User if he is sure 4. The users clicks Yes | | |
| Exceptions | **1.The user clicks NO**   1. The User clicks no when the System asks him if he is sure he wants to remove the bug 2. Return to step 1 of Normal Flow | | |

Planificare iteratii

Iteratia 1:

* Crearea claselor din domeniu(Developer,Bug,Tester)
* Crearea unei baze de date pentru System
* Crearea unui repository database pentru fiecare clasa din domeniu
* Crearea unui service cu urmatoarele functionalitati:
* Vizualizarea liste de buguri
* Cautarea user dupa date de autentificare
* Creare User
* Add/Remove Bug
* Crearea GUI pentru pagina de login si vizualizare lista de buguri,Sign Up,Add/Remove Bug

Iteratia 2:

* Testing
* Hashing parole

Iteratia 3:

* GUI diferit(cu functionalitatile fiecaruia) pentru developer/tester