|  |  |  |  |
| --- | --- | --- | --- |
| ID and name | UC-1: Report a bug | | |
| Primary actor | Validator | Secondary actors | None |
| Description | A Validator acceses the Bug Management System from either the corporate intranet or external Internet and reports a bug by giving a name, description and selects a severity. | | |
| Trigger | A Validator indicates that he wants to report a bug. | | |
| Preconditions | PRE-1. Validator is logged into BMS  PRE-2. Name, Description and Severity fields are filled | | |
| Postconditions | POST-1. Bug is stored in BMS with a status of “Not fixed” | | |
| Normal flow | **1.0 Report a bug**  1. BMS displays the list of bugs reported by the Validator  2. Validator gives a name, a description and selects a severity for the bug (see 1.0.E1)  3. Validator press “Report a bug” button  4. BMS shows a confirmation message  5. BMS stores the reported bug and displays the updated list of bugs | | |
| Alternative flows | **None** | | |
| Exceptions | **1.0.E1 One or more of “Name”, “Description” and “Severity” fields are not filled**  1. BMS informs Validator that one or more of the fields are not filled  2. Return to step 2 of the normal flow | | |

|  |  |  |  |
| --- | --- | --- | --- |
| ID and name | UC-2: Modify a reported bug | | |
| Primary actor | Validator | Secondary actors | None |
| Description | A Validator acceses the Bug Management System from either the corporate intranet or external Internet and modifies a reported bug by changing the name, description or selects a new severity, or a combination of these. | | |
| Trigger | A Validator indicates that he wants to modify a reported bug. | | |
| Preconditions | PRE-1. Validator is logged into BMS  PRE-2. A bug is selected  PRE-3. “Name”, “Description” and “Severity” fields are filled | | |
| Postconditions | POST-1. Bug is updated with new given data and the status remains the same | | |
| Normal flow | **1.0 Modify a bug**  1. BMS displays the list of bugs reported by the Validator  2. Validator selects one of the bugs  3. BMS will complete automatically the name, description and severity fields  4. Validator modifies wanted fields (see 1.0.E1)  5. Validator press “Modify” button  6. BMS shows a confirmation message  7. BMS updates the selected bug with given data | | |
| Alternative flows | **None** | | |
| Exceptions | **1.0.E1 One or more of “Name”, “Description” and “Severity” fields are not filled**  1. BMS informs Validator that one or more of the fields are not filled  2. Return to step 4 of the normal flow | | |

|  |  |  |  |
| --- | --- | --- | --- |
| ID and name | UC-3: Fix a bug | | |
| Primary actor | Programmer | Secondary actors | None |
| Description | A Programmer acceses the Bug Management System from either the corporate intranet or external Internet, views the bugs reported by the Validators, selects the bugs and fix them. | | |
| Trigger | A Programmer indicates that he fixed a bug. | | |
| Preconditions | PRE-1. Programmer is logged into BMS  PRE-2. A bug is selected | | |
| Postconditions | POST-1. Selected bugs are deleted from BMS | | |
| Normal flow | **1.0 Fix a bug**  1. BMS displays the list of bugs reported by the Validators  2. Programmer selects one or more bugs (see 1.1)  3. Programmer press “Fix bug” button  4. BMS shows a confirmation message  5. BMS deletes the bug**s** | | |
| Alternative flows | **1.1 Fix multiple bugs**  1. Programmer selects multiple bugs  2. Return to step 3 of the normal flow | | |
| Exceptions | **None** | | |

|  |  |  |  |
| --- | --- | --- | --- |
| ID and name | UC-4: Login | | |
| Primary actor | Validator/Programmer | Secondary actors | None |
| Description | A Validator/Programmer completes username and password fields with his data then log into Bug Management System. | | |
| Trigger | A Programmer runs the application. | | |
| Preconditions | PRE-1. Validator/Programmer exists in database | | |
| Postconditions | POST-1. Validator/Programmer sees the main window of BMS | | |
| Normal flow | **1.0 Log in**  1. BMS displays login dialog  2. Validator/Programmer completes username and password fields with his data and press “Login” button (see 1.0.E1)  3. BMS opens the main view of the application, corresponding to actor | | |
| Alternative flows | **None** | | |
| Exceptions | **1.0.E1 Username or password is incorrect**  1. BMS informs Validator/Programmer that username or password given is incorrect  2. BMS clears the password field  3. Return to step 2 of normal flow | | |

|  |  |  |  |
| --- | --- | --- | --- |
| ID and name | UC-5: View bugs | | |
| Primary actor | Validator/Programmer | Secondary actors | None |
| Description | A Validator/Programmer acceses the Bug Management System from either corporate intranet or external Internet and views the bugs, in function of specific view. | | |
| Trigger | The bugs are always shown. | | |
| Preconditions | PRE-1. Validator/Programmer is logged into BMS. | | |
| Postconditions | POST-1. Validator/Programmer sees the specific view for list of bugs | | |
| Normal flow | **1.0 View bugs**  1. BMS shows the list of bugs | | |
| Alternative flows | **None** | | |
| Exceptions | **None** | | |

|  |  |  |  |
| --- | --- | --- | --- |
| ID and name | UC-6: View and manage employees | | |
| Primary actor | Admin | Secondary actors | None |
| Description | An Admin acceses the Bug Management System from either corporate intranet or external Internet and views all employees and their roles. | | |
| Trigger | The employees are allways shown. | | |
| Preconditions | PRE-1. Admin is logged into BMS. | | |
| Postconditions | POST-1. Admin sees the specific view for list of employees | | |
| Normal flow | **1.0 View employees**  1. BMS shows the list of employees | | |
| Alternative flows | **None** | | |
| Exceptions | **None** | | |

|  |  |  |  |
| --- | --- | --- | --- |
| ID and name | UC-7: Add an employee | | |
| Primary actor | Admin | Secondary actors | None |
| Description | An Admin acceses the Bug Management System from either the corporate intranet or external Internet and adds an employee by giving a name, username, password and selects a role. | | |
| Trigger | An Admin indicates that he wants to add an employee. | | |
| Preconditions | PRE-1. Admin is logged into BMS  PRE-2. Name, Username, Password and Severity fields are filled | | |
| Postconditions | POST-1. Employee is stored in BMS. | | |
| Normal flow | **1.0 Add an employee**  1. BMS displays the list of employees  2. Admin gives a name, an username, a password and selects a role for the employee (see 1.0.E1)  3. Admin press “Add employee” button  4. BMS shows a confirmation message  5. BMS stores the added employee and displays the updated list of employees | | |
| Alternative flows | **None** | | |
| Exceptions | **1.0.E1 One or more of “Name”, “Description” and “Severity” fields are not filled**  1. BMS informs Admin that one or more of the fields are not filled  2. Return to step 2 of the normal flow | | |

|  |  |  |  |
| --- | --- | --- | --- |
| ID and name | UC-8: Remove an employee | | |
| Primary actor | Admin | Secondary actors | None |
| Description | An Admin acceses the Bug Management System from either the corporate intranet or external Internet, views the list of employees, selects employees and remove them. | | |
| Trigger | An Admin indicates that he wants to remove an employee. | | |
| Preconditions | PRE-1. Admin is logged into BMS  PRE-2. An employee is selected | | |
| Postconditions | POST-1. Selected employees are deleted from BMS | | |
| Normal flow | **1.0 Remove an employee**  1. BMS displays the list of employees  2. Admin selects one or more employees (see 1.1)  3. Admin press “Remove employee” button  4. BMS shows a confirmation message  5. BMS deletes the employees | | |
| Alternative flows | **1.1 Remove multiple employees**  1. Admin selects multiple employees  2. Return to step 3 of the normal flow | | |
| Exceptions | **None** | | |

Planificare cazuri de utilizare:

Iteratia 1: UC-6, UC-7, UC-8

Iteratia 2: UC-4, UC-5

Iteratia 3: UC-1, UC-2, UC-3