# Bug Following

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| ID and name | UC1-login | | |
| Primary actor | Programmer  Checker  Admin | Secondary actors |  |
| Description | The actor is logging into the System | | |
| Trigger | The actor is introducing his logging information | | |
| Preconditions | Running the Application  Existing account | | |
| Postconditions | The actor is logged and a new window opens | | |
| Normal flow | 1. A login UI is shown 2. The actor introduces his username and password 3. The application searches for a matching account 4. The actor is logged successfully and a new window opens | | |
| Alternative flows | - | | |
| Exceptions | The username is nonexistent or the password is incorrect. The actor gets and error message and has the option of stopping the application or retry to log. | | |
| Iteration | 1 | | |

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| ID and name | UC2-view main page for programmer | | |
| Primary actor | Programmer | Secondary actors |  |
| Description | Programmer:  The application shows a list of all existing bugs and the option to declare a bug solved  Checker: | | |
| Trigger | The programmer logged into the system successfully | | |
| Preconditions | Programmer is logged | | |
| Postconditions |  | | |
| Normal flow | 1.a new window opens  2. the programmer can see a list of all the unresolved bugs and the option to solve them | | |
| Alternative flows | - | | |
| Exceptions |  | | |
| Iteration | 1 | | |

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| ID and name | UC3-view main page for checker | | |
| Primary actor | Checker | Secondary actors |  |
| Description | The application shows a list of all the bugs introduced by the checkers and the option to add a new bug | | |
| Trigger | The checker logs into the system | | |
| Preconditions | The checker is logged | | |
| Postconditions |  | | |
| Normal flow | 1.a new window opens  2. the checker sees a list of all the existing bugs and the option to introduce a new one | | |
| Alternative flows | - | | |
| Exceptions |  | | |
| Iteration | 1 | | |

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| ID and name | UC4-view main page for Admin | | |
| Primary actor | Admin | Secondary actors |  |
| Description | Admin:  The application shows a list of all the working employees and their activity | | |
| Trigger | The Admin logged into the system successfully | | |
| Preconditions | Admin is logged | | |
| Postconditions |  | | |
| Normal flow | 1.a new window opens  2. the admin can see a list of all the working employees and their role | | |
| Alternative flows | - | | |
| Exceptions |  | | |
| Iteration | 3 | | |

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| ID and name | UC5-view main page for Admin | | |
| Primary actor | Admin | Secondary actors |  |
| Description | Admin:  The application shows a list of all the working employees and their activity | | |
| Trigger | The Admin logged into the system successfully | | |
| Preconditions | Admin is logged | | |
| Postconditions |  | | |
| Normal flow | 1.a new window opens  2. the admin can see a list of all the working employees and their role | | |
| Alternative flows | - | | |
| Exceptions |  | | |
| Iteration | 3 | | |

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| ID and name | UC6-solve a bug | | |
| Primary actor | Programmer | Secondary actors | checkers |
| Description | The programmer declares that an existing bug is solved | | |
| Trigger | The programmer selects a bug from the list and presses the solved button | | |
| Preconditions | Programmer is logged and sees the list of existing bugs | | |
| Postconditions | The solved bug is eliminated from the list for all the checkers and programmers | | |
| Normal flow | 1. The programmer selects bug from the list 2. the programmer checks the bug as solved 3. the bug disappears from the list | | |
| Alternative flows | * two programmers solve the same bug at the same time and get a warning message, the bug is than eliminated from the list | | |
| Exceptions |  | | |
| Iteration | 2 | | |

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| ID and name | UC7-add bug | | |
| Primary actor | checker | Secondary actors | programmer |
| Description | The checker adds the description of an existing bug | | |
| Trigger | The checker introduces the name and description of a new bug | | |
| Preconditions | The checker is logged and sees the list of existing bugs | | |
| Postconditions | A new bug appears in the list for all the checkers and programmers | | |
| Normal flow | 1. the checker introduces the name and description of a bug 2. the checker adds the bug into the system 3. a new bug appears in the list | | |
| Alternative flows | * the checker introduces an already existing bug. * An error message appears | | |
| Exceptions | The name or description is empty | | |
| Iteration | 1 | | |
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| ID and name | UC8-create account | | |
| Primary actor | admin | Secondary actors |  |
| Description | The admin wants to create an account for a new employee | | |
| Trigger | The admin selects the create account option | | |
| Preconditions | The account doesn’t exist yet.  The user is hired as a checker or programmer | | |
| Postconditions | The user Is logged and can see the main page. | | |
| Normal flow | * The admin presses the button to create a new accound * The admin completes the needed fields( name password username, role(checker/programmer) * A new window with the main page is opened * The admin is able to see the new user | | |
| Alternative flows |  | | |
| Exceptions | Some information about the user are not given.  The account already exists. The admin gets an error message and has the option to retry | | |
| Iteration | 3 | | |

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| ID and name | UC9-logout | | |
| Primary actor | Programmer  Checker  admin | Secondary actors |  |
| Description | The user wants to logout | | |
| Trigger | The user presses the logout button | | |
| Preconditions | The user is logged | | |
| Postconditions | The login page is shown | | |
| Normal flow | * The user presses de logout button * The login window is shown | | |
| Alternative flows |  | | |
| Exceptions | Some operations were not complete, the user gets an error message | | |
| Iteration | 1 | | |