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| Use Case ID | 5 | |
| [Use Case name](http://requirmentengineeringsrs.blogspot.in/) | Admin Login | |
| Summary | The System will allow the Admin to   * Log in to the system .   Only verified admin users, whose details (user name, password) are stored in the database will be allowed access.  The following entries will be retrieved from the database :   * User name * Password | |
| Preconditions | * The Admin needs to be registered in the database. | |
| Success End Condition | The admin successfully logs into the system. | |
| Failed End Condition | * Display of appropriate prompt message. | |
| Primary, Secondary Actors | * Admin – primary actor * N/A – secondary actor | |
| Trigger | This use case is triggered on clicking the admin button. | |
| Description | Step | Action |
|  | 1 | The admin enters the system. |
|  | 2 | He clicks on the admin button which will open a prompt wherein the admin name and password fields are displayed. |
|  | 3 | The admin then has to enter his valid details into the fields and click on the submit button. |
|  | 4 | If admin fails to authenticate his details then appropriate message will be displayed else he will be logged in. |
| Extensions | Step | Branching Action |
|  | 1 | The system retrieves information of the admin from the database and then verifies the details entered. |

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| Use Case ID | 6 | |
| [Use Case name](http://requirmentengineeringsrs.blogspot.in/) | Add project | |
| Summary | The System will allow the admin to   * Add projects along with its associated modules.   The System will update the database as in :-  It will insert the   * Project ID * Project Name * Project Modules * Project Manager ID * Project Manager Name | |
| Preconditions | * The admin should be logged into the system. | |
| Success End Condition | The project has been added to the database successfully. | |
| Failed End Condition | * If any of the fields are left blank then the project won’t be inserted. * Multiple projects having the same project ID. | |
| Primary, Secondary Actors | * Admin – primary actor * N/A –secondary actors | |
| Trigger | This use case is triggered when the admin clicks on the add project button. | |
| Description | Step | Action |
|  | 1 | The admin must have already logged into his account by entering his valid details. |
|  | 2 | The admin clicks on the add project button. |
|  | 3 | The admin then enters the fields that are required to be entered. |
|  | 4 | Now the admin will click on the submit button. |
|  | 5 | A confirmation message will be displayed. Also the added project id and project name will be shown. |
|  | 6 | Using the BACK button the admin can move to the previous page. |
|  | 7 | The admin can also sign out by clicking on the LOGOUT link. |
| Extensions | Step | Branching Action |
|  | 1 | The system adds the project details into the database. |

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| Use Case ID | 7 | |
| [Use Case name](http://requirmentengineeringsrs.blogspot.in/) | Delete Project | |
| Summary | The System will allow the admin to   * Delete a project that is already been inserted into the database.   The System will update the database as in :-  It will remove the   * Project ID * Project name * Project modules * The assigned ENGINEER to the complaints related to the project * The assigned PROJECT MANAGER associated with that project | |
| Preconditions | * The admin must be logged into the system. * There should be a project existing corresponding to the mentioned project ID. | |
| Success End Condition | The project has been successfully deleted from the system. | |
| Failed End Condition | * If the project to be removed by the admin doesn’t exist in the database. | |
| Primary, Secondary Actors | * Admin – primary actor * PROJECT MANAGER,ENGINEER, USERS –secondary actors | |
| Trigger | This use case is initiated by the Admin to delete/remove a particular project. | |
| Description | Step | Action |
|  | 1 | The admin has already logged into his account by giving his registered login-id, password and entering the captcha. |
|  | 2 | The admin has selected the Delete Project link. |
|  | 3 | The admin then enters the ID of the project that he wishes to delete from the system. |
|  | 4 | Now the admin will hit the DELETE button. |
|  | 5 | A confirmation message will be displayed. Also the deleted project id and project name will be shown. |
|  | 6 | Similarly the client can delete the other problems he wishes to. |
|  | 7 | Using the BACK button the admin can move to the previous page. |
|  | 8 | The admin can also sign out by clicking on the LOGOUT link. |
| Extensions | Step | Branching Action |
|  | 1 | The system removes the project data from the database. |

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| Use Case ID | 8 | |
| [Use Case name](http://requirmentengineeringsrs.blogspot.in/) | Complaint Status | |
| Summary | The System will allow the admin to   * Check the status of the problems according to the ID of the problem.   The System will retrieve from the database as in :-  It will retrieve the   * Complaint ID * Complaint Details * Project ID * Project Name * Project Module * Priority * Status | |
| Preconditions | * The admin must be logged into the system. | |
| Success End Condition | The correct status of the complaint can be viewed. | |
| Failed End Condition | * If the complaint doesn’t exist. | |
| Primary, Secondary Actors | * Admin – primary actor * N/A –secondary actors | |
| Trigger | This use case is initiated by the Admin to view a particular status of a problem. | |
| Description | Step | Action |
|  | 1 | The admin has already logged into his account by giving his registered login-id, password and entering the captcha. |
|  | 2 | The admin has clicked the view status button. |
|  | 3 | The admin then enters the ID of the complaint. |
|  | 4 | Now the admin will hit the search button. |
|  | 5 | The detail associated with the problem who’s ID has been entered in the search box. |
|  | 6 | Similarly the client can view the other problems he wishes to. |
|  | 7 | Using the BACK button the admin can move to the previous page. |
|  | 8 | The admin can also sign out by clicking on the LOGOUT link. |
| Extensions | Step | Branching Action |
|  | 1 | The details of the problem are retrieved from the database. |

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| Use Case ID | 10 | |
| [Use Case name](http://requirmentengineeringsrs.blogspot.in/) | Add clients/users | |
| Summary | The System will allow the admin to   * Add new users/clients who can use the system.   The System will insert into the database as in :-  It will insert the   * User ID * Password | |
| Preconditions | * The admin must be logged into the system. | |
| Success End Condition | User/client details have successfully been inserted into the database. | |
| Failed End Condition | * If any of the fields are left blank. | |
| Primary, Secondary Actors | * Admin – primary actor * N/A –secondary actors | |
| Trigger | This use case is initiated by the Admin to add a user/client into the system. | |
| Description | Step | Action |
|  | 1 | The admin has already logged into his account by giving his registered login-id, password and entering the captcha. |
|  | 2 | The admin has clicked the add user/client button. |
|  | 3 | The admin then enters the ID along with password for the user. |
|  | 4 | Now the admin will hit the submit button. |
|  | 5 | The client/user details have successfully been entered into the database prompt is viewed. |
|  | 6 | Using the BACK button the admin can move to the previous page. |
|  | 7 | The admin can also sign out by clicking on the LOGOUT link. |
| Extensions | Step | Branching Action |
|  | 1 | The details of the user/client that have been entered by the admin are inserted into the database. |

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| Use Case ID | 11 | |
| [Use Case name](http://requirmentengineeringsrs.blogspot.in/) | Add engineers/project managers. | |
| Summary | The System will allow the admin to   * Add the details of the engineers/project managers into the database.   The System will update the database as in :-  It will insert the   * Engineer ID * Engineer Name * Field Of Work * Status | |
| Preconditions | * The admin must be logged into the system. | |
| Success End Condition | The details of the engineer/project manager have successfully been inserted. | |
| Failed End Condition | * The engineer/project manager doesn’t exist. | |
| Primary, Secondary Actors | * Admin – primary actor * N/A –secondary actors | |
| Trigger | This use case is initiated by the Admin add an engineer/project manager to the team. | |
| Description | Step | Action |
|  | 1 | The admin has already logged into his account by giving his registered login-id, password and entering the captcha. |
|  | 2 | The admin has clicked the add engineer button. |
|  | 3 | The admin then enters the details of the engineer. |
|  | 4 | Now the admin will hit the submit button. |
|  | 5 | A prompt saying that the engineer has been added is then displayed. |
|  | 6 | Using the BACK button the admin can move to the previous page. |
|  | 7 | The admin can also sign out by clicking on the LOGOUT link. |
| Extensions | Step | Branching Action |
|  | 1 | The details of the engineer are inserted into the database. |

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| Use Case ID | 12 | |
| [Use Case name](http://requirmentengineeringsrs.blogspot.in/) | Admin LOGOUT | |
| Summary | This option will make the Admin sign-out of his account. | |
| Preconditions | The Admin should be a registered user of the system i.e. should have an account. | |
| Success End Condition | The Admin has successfully logged out. | |
| Failed End Condition | N/A | |
| Primary, Secondary Actors | Admin-primary actor   N/A-secondary actor | |
| Trigger | This use case is initiated based on the request of the Admin to log out from his account. | |
| Description | Step | Action |
|  | 1 | The Admin has already logged into his account by giving his registered login-id, password and entering the captcha. |
|  | 2 | The Admin clicks on the LOGOUT link to log-out. |
| Extensions | Step | Branching Action |
|  | 1 | The system logs the Admin out. |

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| Use Case ID | 9 | |
| [Use Case name](http://requirmentengineeringsrs.blogspot.in/) | Session Tracking | |
| Summary | The System will allow the Admin to   * Track the working log of individual user (engineer).   Only verified admin users, whose details (user name, password) are stored in the database will be allowed access.  The following entries will be retrieved from the database :   * Engineer\_name * Problem\_name * Timestamp\_logged\_in * Timestamp\_problem\_submit | |
| Preconditions | * The Admin needs to be registered in the database. * The problem needs to be rectified by the assigned engineer. | |
| Success End Condition | The admin successfully sees the session of the engineer. | |
| Failed End Condition | * Display of appropriate prompt message. | |
| Primary, Secondary Actors | * Admin – primary actor * Engineer – secondary actor | |
| Trigger | This use case is triggered on clicking the session tracking button. | |
| Description | Step | Action |
|  | 1 | The admin enters the system. |
|  | 2 | He clicks on the admin button which will open a prompt wherein the admin name and password fields are displayed. |
|  | 3 | The admin then has to enter his valid details into the fields and click on the submit button. |
|  | 4 | In the proceeding screen the admin has to choose the session tracking option. |
|  | 5 | He then enters the engineer\_id of the engineer whose session he wishes to track. |
|  | 6 | He then sees the session details of the engineer. |
|  | 7 | The admin may then choose to logout from the system by clicking on the logout button. |
| Extensions | Step | Branching Action |
|  | 1 | The system retrieves information of the engineer from the database and the problem and then displays the appropriate details on the page. |