**Admin Role**

* Admin can add or remove trusted users, add/modify/view/download data from the repository

**Primary actor:**

* Admin User

**Actor’s goals:**

* Adding or removing trusted users, modifying/adding/viewing/downloading of information about a System, System release, Report, Revision, Target file, or Target changes from one of the database tables

**Preconditions:**

* Data should be available within the system
* Data is correct/has been verified

**Main tasks**:

* Add/Remove trusted users from the system
* Reset login credentials
* Add/View information about the systems currently within the repository *(Name, Version Control System URL, Issue Tracker URL, Programming Language)*
* Add/View information about the release of the system *(System Name, Release name)*
* Add/View reports *(System Name, Release Name, Id in Issue Tracker, Type i.e. Bug/Update, Report Title)*
* Add/View revisions *(System Name, Id in VCS, Comments)*
* Add/View target file changes/updates *(System Name, Release name, Report Id, File path, Change type, Revision)*
* Add/View target Changes *(System name, Release Name, Report Id, Granularity i.e. Method/Class, Qualified name i.e. hierarchical name of the object, function, or variable)*

**Post-conditions:**

* User is either added to the system or removed
* Data is correct/has been verified
* Data is available for viewing/downloading by the public

**Trusted User Role**

* Trusted users can add/modify/view/download data from the repository

**Primary actor:**

* Trusted users

**Actor’s goals:**

* Modifying/adding/viewing/downloading of information about a System, System release, Report, Revision, Target file, or Target changes from one of the database tables

**Preconditions:**

* Data should be available within the system
* Data is correct/has been verified

**Main tasks**:

* Add/View information about the systems currently within the repository *(Name, Version Control System URL, Issue Tracker URL, Programming Language)*
* Add/View information about the release of the system *(System Name, Release name)*
* Add/View reports *(System Name, Release Name, Id in Issue Tracker, Type i.e. Bug/Update, Report Title)*
* Add/View revisions *(System Name, Id in VCS, Comments)*
* Add/View target file changes/updates *(System Name, Release name, Report Id, File path, Change type, Revision)*
* Add/View target Changes *(System name, Release Name, Report Id, Granularity i.e. Method/Class, Qualified name i.e. hierarchical name of the object, function, or variable)*

**Post-conditions:**

* Data is correct/has been verified
* Data is available for viewing/downloading by the public

**Public Role**

* Public user can view/download data from the repository

**Primary actor:**

* Public users who do not have data modification/adding privileges

**Actor’s goals:**

* Viewing/downloading of information about a System, System release, Report, Revision, Target file, or Target changes from one of the database tables

**Preconditions:**

* Data should be available within the system
* Data is correct/has been verified

**Main tasks**:

* View information about the systems currently within the repository *(Name, Version Control System URL, Issue Tracker URL, Programming Language)*
* View information about the release of the system *(System Name, Release name)*
* View reports *(System Name, Release Name, Id in Issue Tracker, Type i.e. Bug/Update, Report Title)*
* View revisions *(System Name, Id in VCS, Comments)*
* View target file changes/updates *(System Name, Release name, Report Id, File path, Change type, Revision)*
* *View target Changes (System name, Release Name, Report Id, Granularity i.e. Method/Class, Qualified name i.e. hierarchical name of the object, function, or variable)*