



Project Deliverables

Final Checklist

Project

Bug Tracker

Requirements

- ☐ **Login / Register** - New users must be able to register and existing users must be able to successfully log in
- ☐ **Authenticated users** must be able to change their name and password
- ☐ **Authenticated users** must be able to recover a lost password
- ☐ **Roles**
 - ☐ The database should be seeded with **Admin**, **Project Manager**, **Developer**, and **Submitter** roles
 - ☐ **Administrators (only)** must be able to assign and unassign users to and from roles
- ☐ **Projects**
 - ☐ **Create Projects** - Administrators and Project Managers must be able to create new projects
 - ☐ **Edit Projects** - Administrators and Project Managers must be able to edit existing projects
 - ☐ **List Projects** - Administrators, Project Managers, Developers, and Submitters must be able to view a list of projects they are assigned to. Administrators and Project Managers must be able to view a separate list of all projects.
 - ☐ **Administrators and Project Managers** must be able to assign and unassign users to and from projects.
- ☐ **Tickets**

- ☐ **Submitters** must be able to create tickets for projects they belong to
- ☐ **New tickets** are owned by the user who creates them
- ☐ **New tickets** are initially **unassigned**
- ☐ **Tickets**
 - ☐ **Project Managers** must be able to view and edit all tickets belonging to projects to which they are assigned
 - ☐ Project Managers must be able to assign tickets to Developers
 - ☐ **Developers** must be able to view and edit all tickets to which they are assigned
 - ☐ **Submitters** must be able to view and edit all tickets they have created
 - ☐ **The ticket's status** must change logically based on whether the ticket is initially created, assigned to a Developer, or closed by a Developer and/or Project Manager
 - ☐ **All users** must be able to view a list of all tickets they have access to
 - ☐ **All ticket lists** must be sortable by column heading
 - ☐ **All ticket lists** must be searchable by text fields (full text search)
 - ☐ **All ticket lists** must be paged (we don't want 150,000 tickets on one page)
- ☐ **Ticket Comments**
 - ☐ Administrators must be able to add Comments to any ticket
 - ☐ Project Managers must be able to add Comments to tickets belonging to Projects to which they are assigned
 - ☐ Developers must be able to add Comments to tickets to which they are assigned
 - ☐ Submitters must be able to add Comments to tickets they own
- ☐ **Ticket Attachments**
 - ☐ Administrators must be able to add Attachments to any ticket
 - ☐ Project Managers must be able to add Attachments to tickets belonging to Projects to which they are assigned
 - ☐ Developers must be able to add Attachments to tickets to which they are assigned
 - ☐ Submitters must be able to add Attachments to tickets they own
- ☐ **Ticket Histories**
 - ☐ A new History object must be created for each property change made to a ticket
(History objects need not be created for the addition of comments or attachments)
- ☐ **Ticket Notifications**
 - ☐ Developers must be notified each time they are assigned to a ticket

- ☐ Developers must be notified each time a ticket to which they are assigned is modified by another user (including the addition of comments and attachments)
- ☐ **Tickets**
 - ☐ A ticket Details page must provide a summary of all ticket information, including a list of all comments, attachments, histories
 - ☐ A dashboard page is optional, but would be very beneficial to the user in summarizing the user's status in the system
 - ☐ Landing page with demo logins for each role
 - ☐ The user interface must be professional, user-friendly, and easy to navigate
 - ☐ Any and all remaining requirements outlined in the Software Requirements Specification document or otherwise discussed and assigned in class must be implemented at this time