Exploratory Testing Task:

Feature: The user can set view and edit restrictions on a page.

Approach: Took the exploratory testing route to gain knowledge about the feature, since the requirements aren’t clear or specified. Kept the network logs open throughout the testing session to monitor the requests made and look out for any unusual console or network errors.

Assumptions: Based on skimming through Confluence Spaces, I am assuming that the space owner is the Admin, and the users can have access to the Spaces pretty much like the way they do for Pages, although my interpretation of Spaces and admin may not be 100% accurate but it’s an attempt anyway.

Breakdown:

**General look and feel**:

* + - Feature located at the top of the page as a locked icon.
    - Mouse hover – displays the current restriction state.
    - Icon click - loads modal with various options.
    - Modal Load – Should load with a drop down with options in the list, the action button disabled, and a cancel button available to be clicked.
    - Click away from the modal – The modal should not dismiss.
    - External Links if any (help and other) – should open in a new tab.
    - Modal List toggle – Should display a different modal content for various options present in the modal, along with a short description on the right top of the modal describing what the option is supposed to do when applied.
    - Window resizing on the page – should still display the lock icon.
    - Window resizing when the modal is displayed – should resize and be responsive to display the modal content efficiently and beautifully to the user.

**General Feature scenarios:**

**Anyone can view and edit:**

* Everyone with access to the space should be able to view or edit the page.

**Anyone can view, only some can edit:**

* Everyone with access to the space should have view rights to the page.
* User can search for other users or groups to give them specific edit or view access.
* User can remove other users subsequently removing their access level restrictions.
* User can successfully save the changes and return to the page.

**Only specific people can view or edit:**

* + - * Anyone with these permissions can either view or edit the page.
      * User can search for other users or groups and provide them with either view or edit access.
      * User can successfully save the changes and return to the page.
      * The lock icon on the main page should turn to a red locked icon depicting the enforced change or restrictions.

**Browsers/OS:**

* + - * Check the general feature UI on different browsers such as – Chrome, Firefox, Safari, IE, Edge etc.
      * Check feature on different OS – Mac/Windows/Linux
      * Can user open the feature in a new tab?

**General performance:**

* + - * Toggling network speed on the browsers to check how the feature performs under slow network.
      * Offline error handling should be checked – If wifi or network goes down while user is performing an action on the feature, what happens? Is it handled gracefully?

**Devices:**

* + - * Check feature on mobile phones,
      * Check feature on larger screens – Tabs, Ipads, Laptops etc.
      * Does the feature take long to load on older devides? Check performance if applicable.

**Access:**

**If user is an admin for a group or a space -**

* + Can add only restrictions to users in that space or group
  + Cannot add restrictions to users outside of that space or group.

**User is a confluence Admin –**

* Can add or remove restrictions to all users within the organization/company.

**An admin user for the space has been removed from being admin**

* appropriate restrictions or errors should apply – possibly 403 forbidden?

**User who isn’t admin but tries to add restrictions**

* appropriate server error in response.

**General On-going checks:**

* Monitoring the network logs, and the browser console for any unusual activity or exceptions.

**Exploratory:**

Intercepting a network request using a tool like Fiddler

* Send bad data instead, check for server response and the browser state.
* Try impersonating as an admin to update or edit restrictions, check the response.

Behavior when user is editing the page & the admin of the page has added restrictions to the user

Behavior when user is editing the page & the admin has added view & edit restrictions to the user.

Behavior when the user is viewing the page & and admin has added edit restrictions to the user

Behavior when the user is viewing the page & and the admin has added view restrictions to the user.

**Multiple Windows:**

* Keep 2 tabs open, log the user out on 1, and try to use the feature on the other, after logging out – An appropriate error message should display if the browser caching isn’t there. In case of caching the browser would simply retain the state until refreshed.
* Keeping 2 tabs open with modal in 1 and logging the user out of the 2nd one, going back to the modal and attempting to change or edit restrictions – An appropriate message is displayed to the user on the modal.

**Single Sign-on:**

* + - * + Behavior when user is signed into a mobile device with the same credentials and restrictions were applied on the page.
        + Behavior when user is signed into a laptop or a pc with the same credentials and restrictions were applied on the page.