

User Manual

NLP Recommendation System

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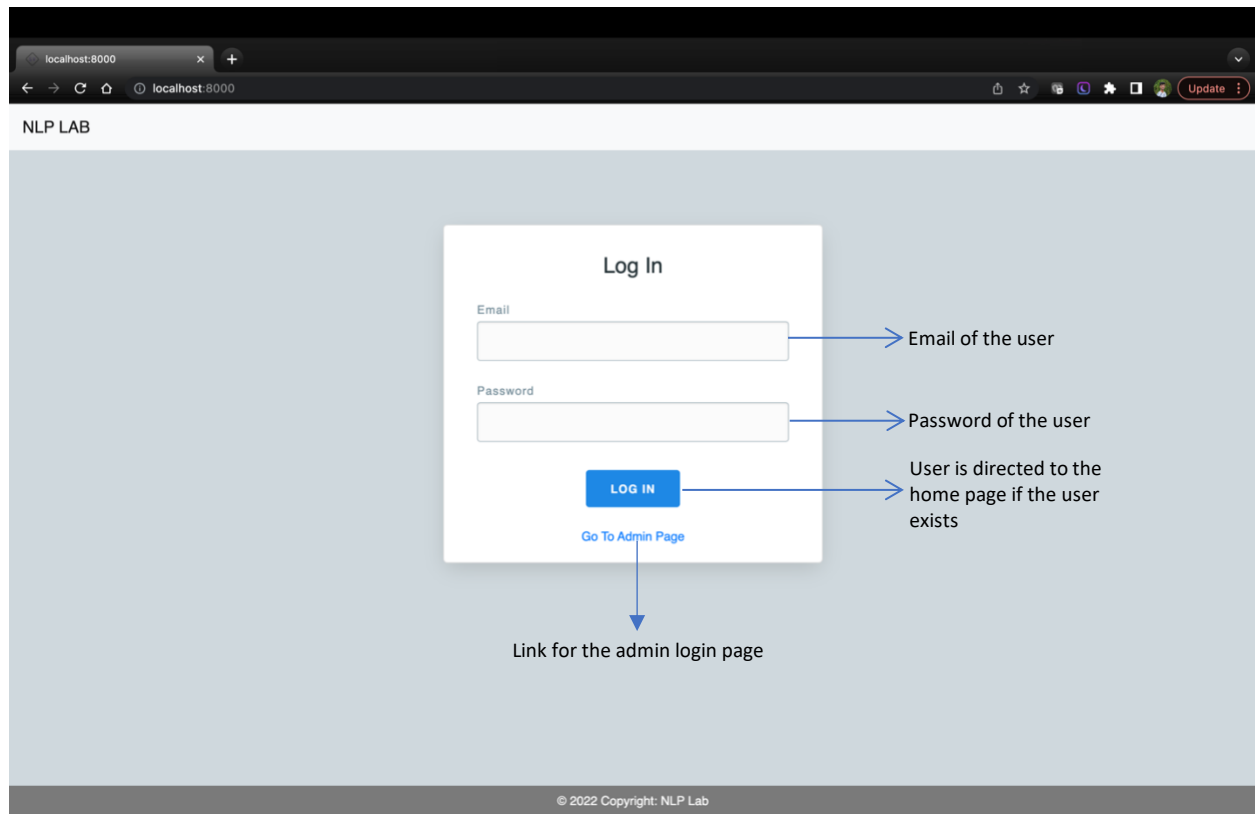
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Login Page

The login page is used to login to the website with user credentials that was created by the **admin** in a different page.

The figure below shows the login page



The user can enter the email and password that was used by the admin while creating. If the user doesn't exist or if the password/username is incorrect, "Invalid login credentials" message will be displayed.

"Go To Admin Page": This link directs to admin's login page.

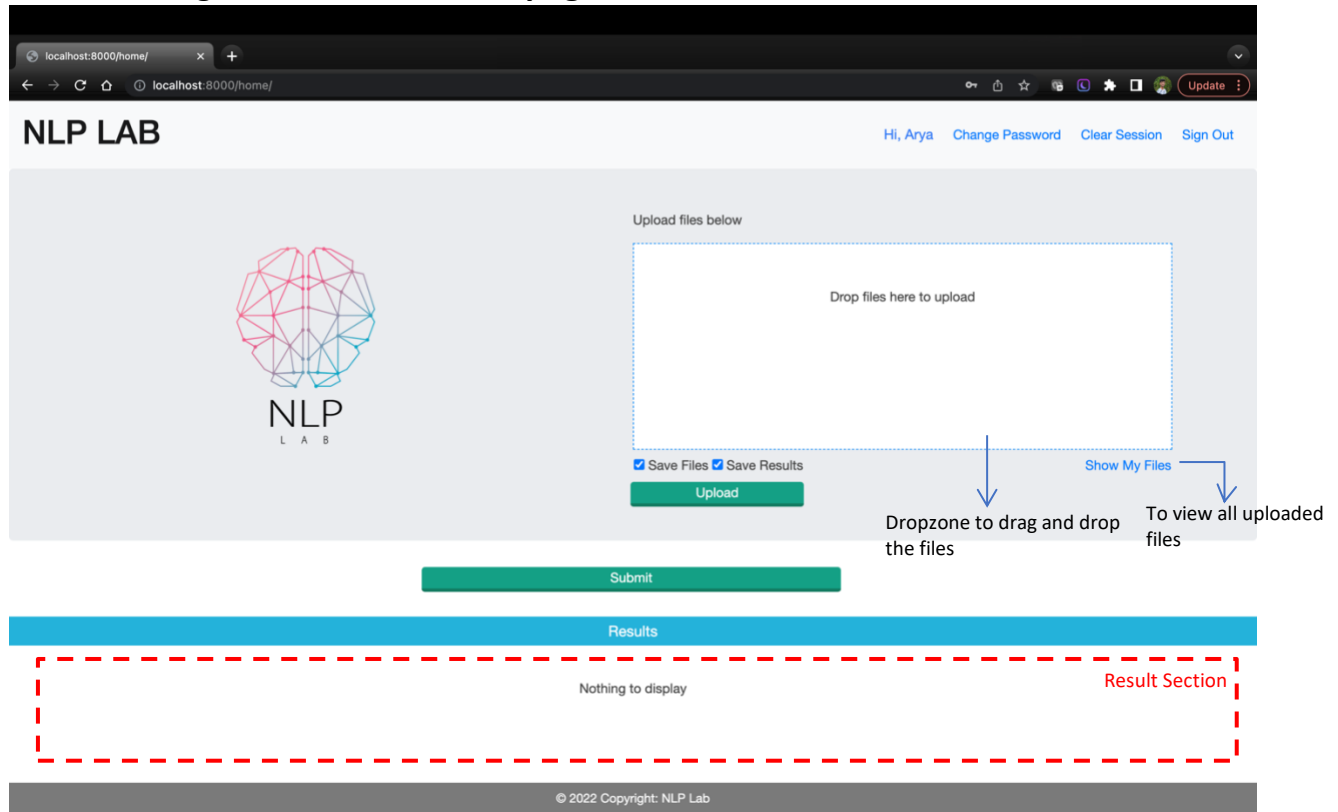
Once the user logs in, a homepage will be displayed. This homepage contains the following components:

1. Dropzone to Drag n drop the file, or browse the file
2. Upload the documents (with an option to save files and results to the database)
3. Submit the documents for processing
4. Change the password, Clear the session and Sign out
5. Results section

6. A link to show files that were previously uploaded

Homepage

The below figure shows the **homepage** of the user.



The user can upload multiple files or an individual file. Once the user uploads the documents, the submit button must be clicked to process them. Then the processing of the files takes place in the background, which takes around 1-2 mins depending on the size and number of documents uploaded.

The processed document is then displayed in the “Results” section at the bottom of the page. Initially displays “Nothing to display” as there were no documents present when the user logged in.

The files and results are present in the homepage only when the user is logged in. These files are cleared once the session is cleared i.e., when the user clicks on “**Clear Session**” or “**Sign Out**” link on the top of the page. To avoid the risk of losing files and results, it is important to check “Save Files” and “Save Results” options while uploading the document.

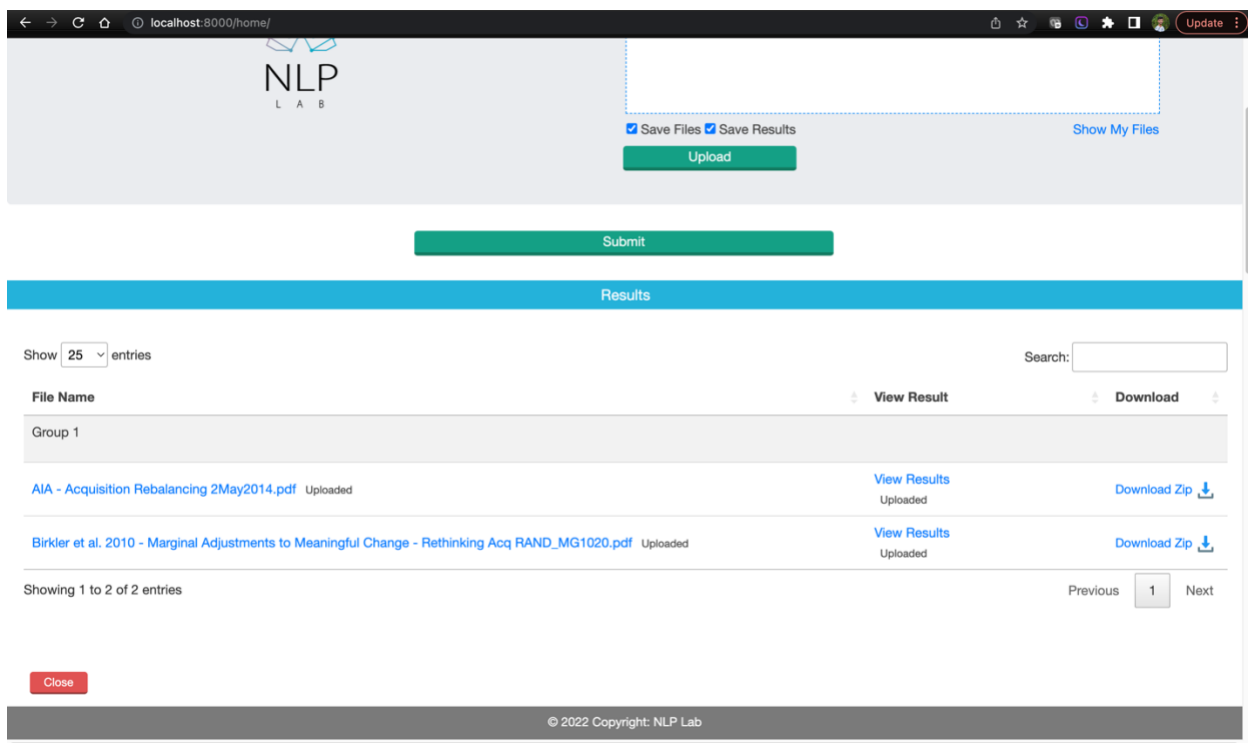
“Save Files” and “Save Results”: This option lets the user to decide if the uploaded file and processed results should be saved in the database for future reference. These two options are checked by default, if not the user will have option to do so after processing the document.

What happens if the user unchecks the “Save Files” and “Save Results”?

If this happens, the user can upload the file to the database from the **result section**. If the file is uploaded but not processed, then the user can process those files from the **result section**. The results can also be saved into the database.

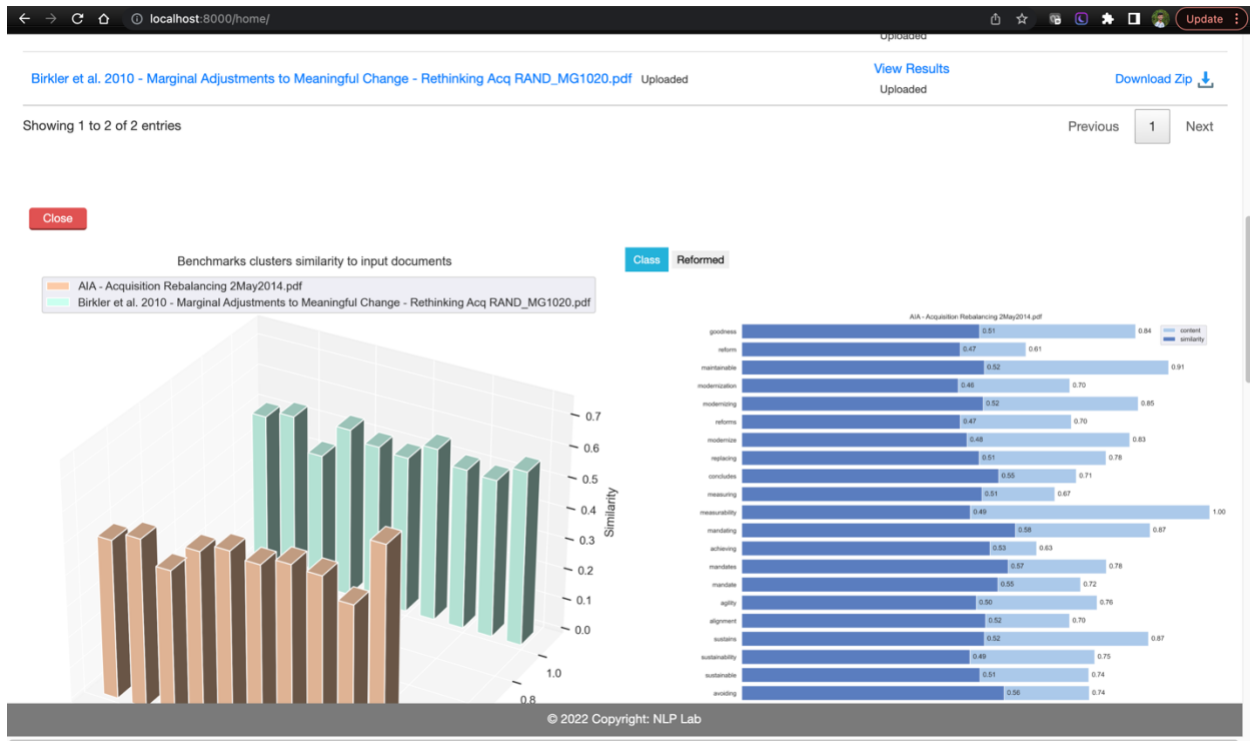
The Result Section

Once the files are processed, the results are visible at the bottom of the page. They are arranged in a table format with links to **view results** of individual or multiple files, a link to **download** all files and results in a zip format.



When the **View Results** link is clicked, similarity charts are shown as below:

The **Close** button hides the results and the **Class** button is a dropdown selection used to select a class.



Scroll down to view the highlighted files

Show My Files

Show My Files: This link lets the user to view all the files that were previously uploaded to the database.

The below figure shows “Show My Files” page

NLP LAB Hi, Arya [Sign Out](#)

[Go Back](#)

Files of Arya

Show entries

File Name	Results	Upload Date	Delete	Download	Archive
Group 1					
GAO - Defense Acquisitions - Where Should Reform Aim Next 29Oct2013.pdf	View Result	2022-12-01	Delete File	Download Zip	Archive
Doc2.pdf	View Result	2022-12-01	Delete File	Download Zip	Archive
Doc1.pdf	View Result	2022-12-01	Delete File	Download Zip	Archive
Group 3					
The More Things Change Acq Reform Remains the Same (Eide, Allen, DARJ 61).pdf	View Result	2022-12-01	Delete File	Download Zip	Archive
Schmidt 2000 - Acq Reform in US Army - Changing Bureaucratic Behavior - RAND MR-1094-A.pdf	View Result	2022-12-01	Delete File	Download Zip	Archive
Group 4					
Birkier et al. 2010 - Marginal Adjustments to Meaningful Change - Rethinking Acq RAND_MG1020.pdf	View Result	2022-12-16	Delete File	Download Zip	Archive
AIA - Acquisition Rebalancing 2May2014.pdf	View Result	2022-12-16	Delete File	Download Zip	Archive

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The links such as **View Results**, **Delete file**, **Download Zip**, and **Archive** is used to display the results, delete particular file, download files and results and archive respectively. The results are displayed like as it was in the homepage.

When a file is archived, it will be invisible to the user and can be unarchived only by the admin.

Clicking on the file name opens the original file.

Admin's Login Page

The admin can login to the system using admin login credentials, (username: admin, password: admin). The admin has the following privileges on the user:

1. Create New User
2. Delete an existing user
3. View files and results of users
4. Change password of user
5. Archive or unarchive user files

The below figure shows the login page for admin

The screenshot shows a web browser window with the address bar displaying 'localhost:8000/admin'. The page title is 'NLP LAB'. The main content area features a white box titled 'Admin Log In' with the instruction 'Please login to continue to sign up page'. Inside the box are two input fields: 'Username' and 'Password', followed by a blue 'LOG IN' button. Annotations with arrows point from the text labels to the corresponding fields: 'Username of the admin' points to the Username field, 'Password of the admin' points to the Password field, and 'Directs to create new user page' points to the LOG IN button. The footer of the page reads '© 2022 Copyright: NLP Lab'.

Once the admin logs in, he/she will be prompted to create a new user. A link to **show all users** is also provided on this page.

When a new user is created, “User sign up successful” message is displayed. Password requirements should be met while creating a new one. Those are:

- Minimum of 8 characters
- Atleast one capital letter
- Atleast one small letter
- Atleast one special character
- Atleast one digit

Create a New User

The below figures shows the page to **create a new user**

The screenshot shows a web browser at localhost:8000/signupUser/. The page has a header with 'NLP LAB' on the left and 'Hi, Admin Sign Out' on the right. The main content area is a light blue background with a white 'Create an Account' form in the center. The form has three input fields: 'Name', 'Email', and 'Password'. Below these is a blue 'SIGN UP' button. Under the button is a horizontal line with a circle containing 'or' in the middle. Below the line is a blue link 'SHOW USERS'. At the bottom of the page is a dark grey footer with '© 2022 Copyright: NLP Lab'. Annotations with blue arrows point to various elements: 'Hi, Admin Sign Out' points to 'Admin Sign-out'; 'Name' points to 'username of the new user'; 'Email' points to 'email of the new user'; 'Password' points to 'Password of the new user'; 'SIGN UP' points to 'Successfully creates a new user and displays a success message'; 'SHOW USERS' points to 'Link to show all users'.

localhost:8000/signupUser/

NLP LAB

Hi, Admin Sign Out

Admin Sign-out

Create an Account

Name

Email

Password

SIGN UP

or

SHOW USERS

Link to show all users

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List of Users

The below figure shows the **list of users**

localhost:8000/userlist

NLP LAB

Hi, Admin Sign Out

« Go Back

List of Users

Show 10 entries

Search:

User Name	Email	Files	Password	Remove User
Alex	alex@gmail.com	Show Files	Change Password	Remove User
Arya	aguddema@stevens.edu	Show Files	Change Password	Remove User
Harry	harry@gmail.com	Show Files	Change Password	Remove User
John F Kennedy	jfk@gmail.com	Show Files	Change Password	Remove User
Tejas	tej@gmail.com	Show Files	Change Password	Remove User

Showing 1 to 5 of 5 entries

Previous 1 Next

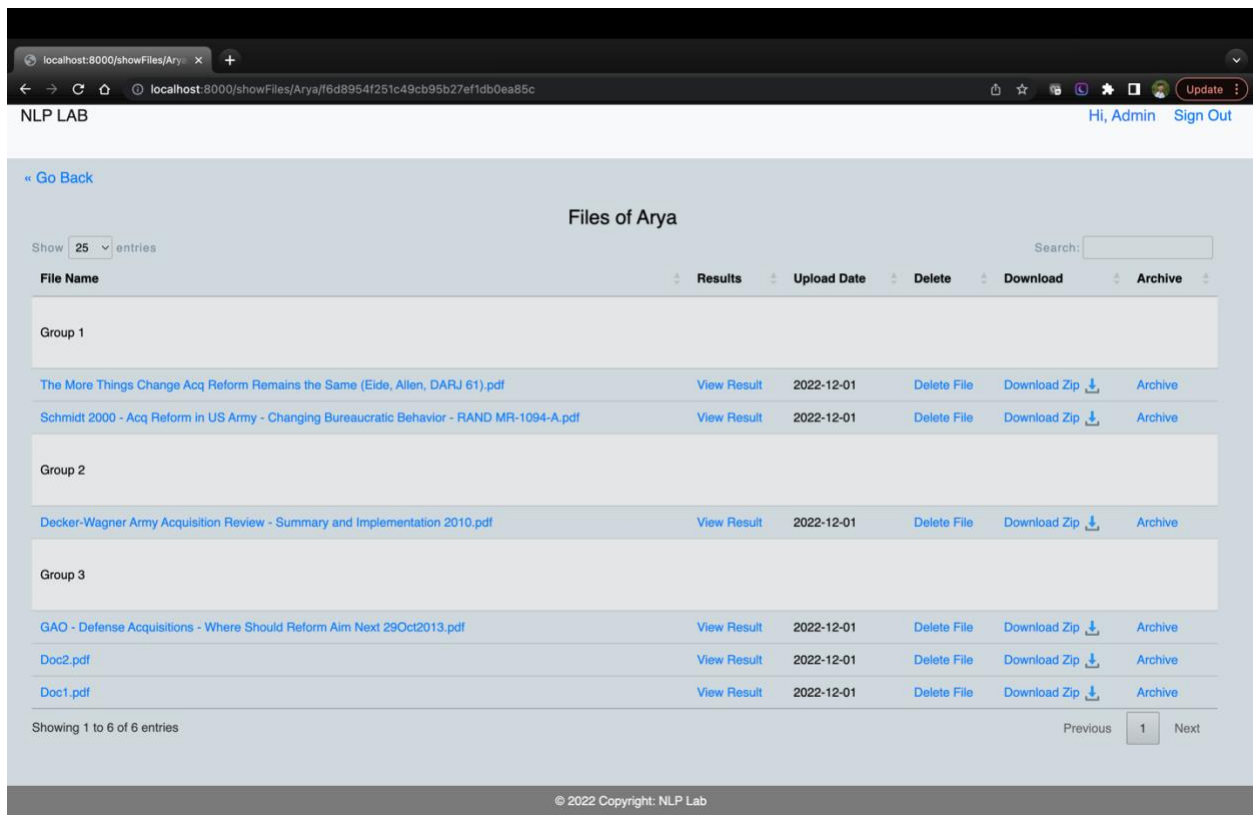
Link to view files and results

Link to change the password

Link to remove user

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The below figure shows the **files uploaded by user**; this is displayed when “**Show Files**” link is clicked from the above image.



This page lets the admin to view the results, delete a file, download results in zip format, and archive/unarchive files

Viewing the result shows the highlighted pdf file, similarity chart and class-wise similarity chart.

Deleting a file removes it permanently from the database and cannot be recovered.

Download Zip includes highlighted version of the original file, similarity chart and class similarity chart.

If the file is **archived**, only the admin can see those files but not the user (as shown in below image). The admin can unarchive those files for the user. When the file is unarchived, it is made visible to the user as well.

The below figure shows the **archived file**

localhost:8000/showFiles/Arya/ x +

localhost:8000/showFiles/Arya/f6d8954f251c49cb95b27ef1db0ea85c

NLP LAB Hi, Admin [Sign Out](#)

« [Go Back](#)

Files of Arya

Show entries

Search:

File Name	Results	Upload Date	Delete	Download	Archive
Group 1					
The More Things Change Acq Reform Remains the Same (Eide, Allen, DARJ 61).pdf	View Result	2022-12-01	Delete File	Download Zip	Archive
Schmidt 2000 - Acq Reform in US Army - Changing Bureaucratic Behavior - RAND MR-1094-A.pdf	View Result	2022-12-01	Delete File	Download Zip	Archive
Group 2					
Decker-Wagner Army Acquisition Review - Summary and Implementation 2010.pdf	View Result	2022-12-01	Delete File	Download Zip	Unarchive
Group 3					
GAO - Defense Acquisitions - Where Should Reform Aim Next 29Oct2013.pdf	View Result	2022-12-01	Delete File	Download Zip	Archive
Doc2.pdf	View Result	2022-12-01	Delete File	Download Zip	Archive
Doc1.pdf	View Result	2022-12-01	Delete File	Download Zip	Archive

Showing 1 to 6 of 6 entries

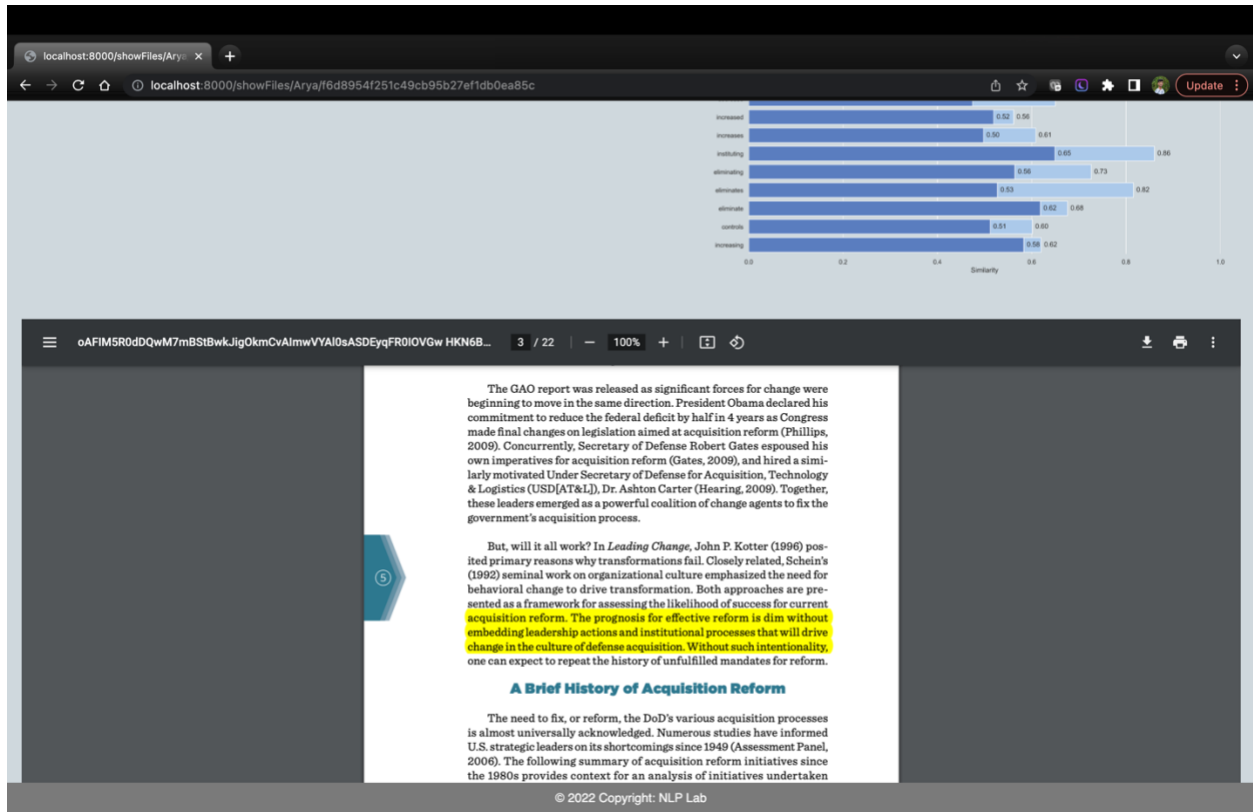
Previous 1 Next

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The “View Results” shows up as follows



Scroll down to view the **highlighted** file



Change Account Password

The below figure shows the “Change Account Password” page. This is displayed when the “Change Password” link is clicked on “Show User” page.

The screenshot shows a web browser window with the address bar displaying 'localhost:8000/changePassbyAdmin/Alex'. The page title is 'NLP LAB'. In the top right corner, there is a greeting 'Hi, Admin' and a 'Sign Out' link. A '« Go Back' link is located in the top left of the main content area. The central part of the page features a white card titled 'Change Account Password'. Inside the card, it displays 'Username: Alex' and two password input fields, each labeled 'Password'. A blue button labeled 'CHANGE PASSWORD' is positioned at the bottom of the card. The footer of the page contains the text '© 2022 Copyright: NLP Lab'.

Remove User

The **Remove User** link can be used to delete a user from the system. A warning message is displayed before deleting a user.