

# Web Lab Assignment 4

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## Introduction:

AffiniTeam is a collaborative online affinity diagram tool. You can construct the diagram using your computer with your colleague. There is instruction on the page so it is easy to use for novice users.

## General Instruction & Configuration:

To run this, you have to connect to internet. Since there is no back-end support, this app doesn't allow you to save the data. Instead, the app used local storage of the browser to simulate an environment that enables collaborative work. So far, due to the limitation of browser's local storage, only two people can collaborate seamlessly.

There will be error information logged in console, prompting that "indexOf is not a function". That is because of the conflict between Google Auto Translate and TogetherJS. However, this error does not affect the app.

### To run the app, please

- Connect to internet all the time
- Use same browser on the same computer for collaboration

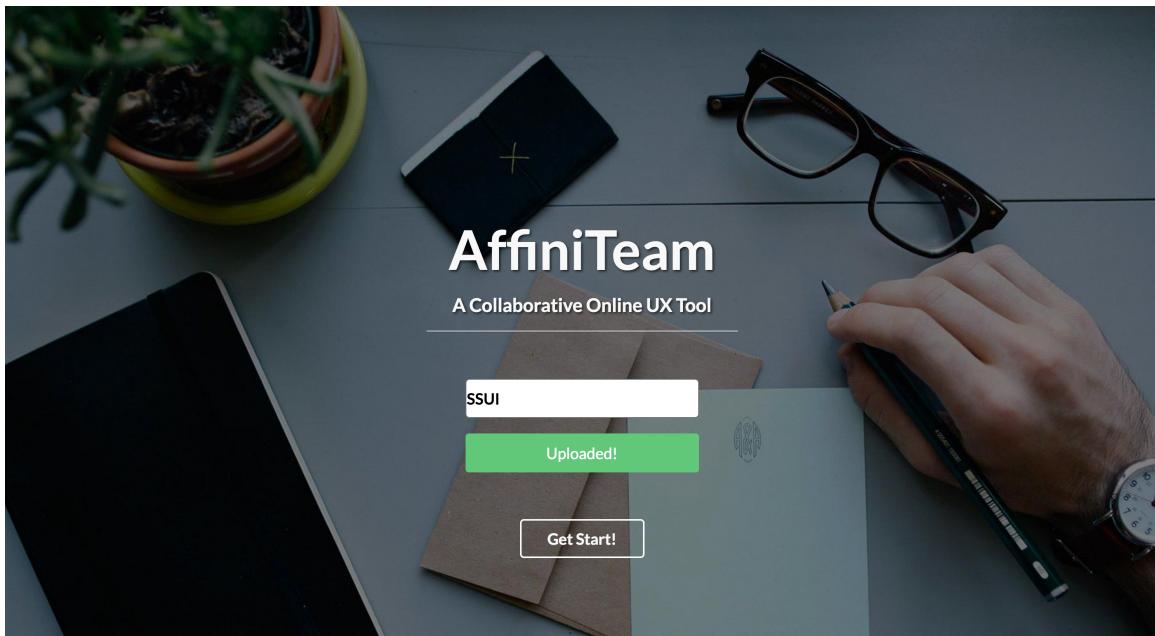
### The file needed to run the app:

- Img(folder) the background image
- Font-awesome(folder) fonts that are necessary
- Fonts (folder) fonts that are necessary
- Js(folder) javascript files that need to run the app
- RaphaelJSON.js and raphael.serialize.js files to handle JSON and Raphael
- Cycle.js js file to handle JSON object
- FileSaver.js file api to handle input files
- Fileprocess.js (created by myself) handles input note file, add tags to notes to make them more readable through natural language processing, and save team name. Prepare all data for the second page.
- Bootstrap.js bootstrap javascript files.
- Main.js (created by myself) the main js file for the tool.
- Css(folder) css files that are necessary.
- Animate.css animates elements.
- Bootstrap.css
- Workpage.css (created by myself) controls the styles of elements on workpage.html.

- index.css (created by myself) controls the styles of elements on index.html.
- raphael.js online raphael library for drawing.
- Togetherjs.js online library for collaborative working.
- Nlp-compromise.js online natural language processing library.
- jQuery.js
- index.html (created by myself) the homepage where users can upload file and set up team name.
- workpage.html (created by myself) the workplace where users work collaboratively.
- Notes.txt the example note file.

## Walk-through Instruction

1. Open index.html, set up a team name and upload notes. The notes should be in a text file. In the file, press enter to separate each note. Notes.txt is an example that you can upload, though you can skip uploading and start work directly.



2. After uploading file, click “Get Start” to go to the next page.
3. In this page, you can see the canvas, and notes you just uploaded. There is a tag attached to each note, which is generated by natural language processing to help you reduce the workload. At the bottom right, you can add higher-level notes (blue, pink, or green).

Notes

- He thinks he should upload files to drive.  
#upload  
Highlight Add to Canvas Delete
- He doesn't use social media because people there are stupid.  
#media  
Highlight Add to Canvas Delete
- He doesn't like to share the work with people outside the department, unless knows them really well.  
#work  
Highlight Add to Canvas Delete
- He usually sync the documents with my google drive.  
#documents  
Highlight Add to Canvas Delete

Add Note

Enter Note Here

Note Color ▾

Add!

4. In the navigation bar, you can see a quick instruction by clicking “Quick Start”.
5. In the navigation bar, you can start teamwork by clicking “Start Teamwork”. This will enable you to share a link with your colleague.

Notes

- He thinks he should upload files to drive.  
#upload  
Highlight Add to Canvas Delete
- He doesn't use social media because people there are stupid.  
#media  
Highlight Add to Canvas Delete
- He doesn't like to share the work with people outside the department, unless knows them really well.  
#work  
Highlight Add to Canvas Delete
- He usually sync the documents with my google drive.  
#documents  
Highlight Add to Canvas Delete

Invite a friend

Copy and paste this link over IM or email:

file:///Users/johnnyguo/Downloads/A

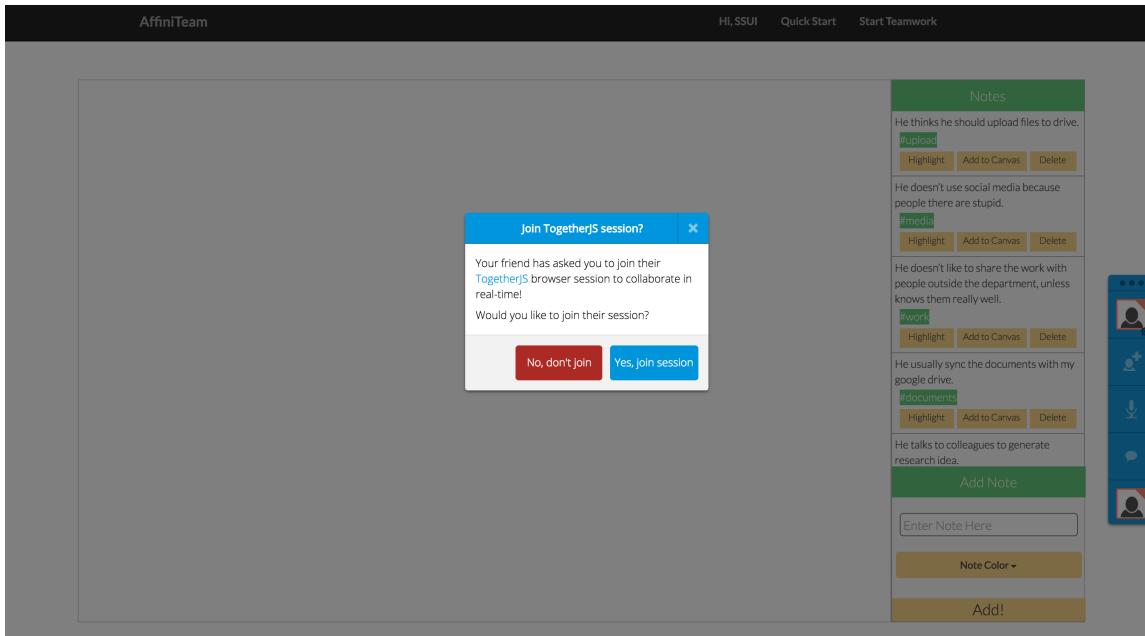
Add Note

Enter Note Here

Note Color ▾

Add!

6. Send that link to your colleague. In this demo app, you can copy and paste it in another browser page to start teamwork. To make sure the co-worker can see all the notes on canvas, please invite them before you adding notes to canvas.



7. Click “join session” to start. The co-worker will see all the notes that you created.
8. You can click on “Add to Canvas” to add notes. Drag the notes on the canvas to arrange them. Drag the canvas to move the pan. The note on every screen will be moved once one person drags it. Use mouse wheel to zoom the pan.

9. If you’re unsure of how to arrange the note, you can highlight it by clicking “Highlight”. The highlight effect will be visible on all screens.

## Notes

**He doesn't use social media because people there are stupid.**

#media

Unhighlight

Add to Canvas

Delete

He talks to colleagues to generate research idea.

#colleagues

Highlight

Add to Canvas

Delete

10. To delete note on canvas, just click “Delete” on the note. The note will be removed from all screens but will not be deleted. You can then see that note in notes container again, which supports undo. Also, the animation clearly suggests that the note will be add to note container instead of deleting.
11. To create new note, type in your new note in the “Add Note” section and select note color. Then click “Add” to add it to the canvas.

## Add Note

I want to create a new note!

Pink

Add!

AffiniTeam

Hi, SSUI Quick Start End Teamwork

Friendly Fox

**Notes**

- I want to create a new note! Delete
- He doesn't like to share the work with people outside the department, unless knows them really well. Delete
- He thinks he should upload files to drive. Delete
- He doesn't use social media because people there are stupid. #media Delete
- He usually sync the documents with my google drive. #documents Delete
- He talks to colleagues to generate research idea. #colleagues Delete
- He was concerned because the deadline was approaching. #deadline Delete

**Add Note**

Enter Note Here

Note Color

Add!

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12. As the amount of notes grows, you can zoom out the pan and drag the canvas to better see the notes.

AffiniTeam

Hi, SSUI Quick Start End Teamwork

Friendly Fox

**Notes**

- I want to create a new note! Delete
- He thinks he should upload files to drive. Delete
- He doesn't use social media because people there are stupid. Delete
- He doesn't like to share the work with people outside the department, unless knows them really well. Delete
- He talks to colleagues to generate research idea. Delete
- He was concerned because the deadline was approaching. Delete

**Add Note**

Enter Note Here

Note Color

Add!

...

Please see the video demo for more information.