Google Summer of Code 2019

FOSSology: Continuation of Atarashi OSS

horizontal line

01July **20**19 - 07 July 2019 [ Week 06 ]

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Mentored By:

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# Goals for the Week

1. Add AtarashiWrapper agent to the scheduler
2. Select and Study the new scanning algorithm to be implemented

# Tasks Accomplished

1. **Add AtarashiWrapper agent to the scheduler**

The agent file inside the UI folder was edited as suggested but issue still persists.

As I had no idea how to solve this so, took help from the mentors. They made several changes to add AtarashiWrapper in the scheduler. The agent was still unable to the scheduled for scanning, so the mentors told me to push the edited code so that they can look further for the issues.

2. **New Algorithm for scanning**

Studied and researched a little bit to find the best suitable algorithm for scanning. Found **Semantic Text Similarity** method can be useful for finding the license text similarity. **SpaCy.io** seemed suitable library to implement this as the library has MIT license.

# Conference Call

**03rd July 2019(Wednesday) Timings : 4:30 PM onwards**

**Attended By:** Ayush Bhardwaj, Anupam Ghosh (Mentor), Gaurav Mishra (Mentor), Aman Jain (Mentor), Shaheem Azmal (Mentor)

Showed the changes I did in the agent file inside UI folder. Mentors looked for the issues inside the code and connected it to the scheduler. Now the AtarashiWrapper agent was there in the scheduler but was unable to schedule it for a job. Mentors told me to push the code so they can look for the issues later.

I told my plan to implement Semantic text similarity for the new algorithm, they suggested some changes and asked for the complete planned flow of algorithm till Monday.