

Retrospective Document

Sprint #4

Work & Test Progress

List the milestones planned for this sprint along with their completion percentages.
(Please do not list the details of work packages/tasks.)

- Summarizing Texts with Clustering the Vector Representations of Sentences (%100)
 - Implementation of K-means Algorithm
 - Obtaining word vectors for each word in the sentence.
 - Obtaining data points for each sentence in a text
- Creating and Designing a Basic Chrome Browser Extension (%80)
 - Sending URL via extension
 - Sending texts via extension
 - Obtaining the body part of the web page
- Create a web application (%100)
 - Gathering data from real people
 - Integrating REST API
 - Running the summarizing algorithm
 - Running the whole web application on server

List the tests finalized as part of the milestones planned for this sprint.

- We can train our classifier with single or multiple text files.
- We tested our clustering algorithm with plenty of texts.
- We tested whether our web application can handle requests.
- We tested our algorithms on the web application.
- We can send requests and get response via our extension.

Team Progress

List the team members along with their contribution percentages.

Abdullah Göktuğ MERT:	25%
Baran Barış KIVILCIM:	25%
Enes Uğur ŞEKERCİ:	25%
Yağız ARKAYIN:	25%

Left-overs (Backlog)

List the milestone(s) that could not be 100% completed in this sprint. Give your reasons for the incomplete milestone(s).

- Extension part:
 - Sending requests to our web application took too much time. Also we decided that sending PDF files' priority is lower than server side tasks.
 - We have problems with Turkish characters when sending requests.

Next Sprint

List the milestone(s) that will be targeted in the next sprint.

- *Training the classifier with the new dataset*
- *Comparing the clustering algorithm and the classifier*
- *Communication between server and extension (client)*

Comments

Your comments (if any) regarding to this completed sprint.

We are ahead of our expectations we had at the beginning of the sprint. We did not plan to start the web application, yet we almost finished it.

Also thanks to Prof. Dr. İlyas ÇİÇEKLİ, now we have a dataset with 220 texts and their extractive summaries.

We can get the body part of the current page via extension, but we decided that it will not be useful.

Assistant's Evaluation

Assistant's (Team Leader's) comments regarding to this completed sprint.

Supervisors's Evaluation

Supervisor's (Team Leader's) comments regarding to this completed sprint.