

Sprint Evaluation**Tasks:**

- Arranging a meeting with the company
- Research on similar projects
- Conducting field research on project
- Clearly defining the project details
- Identifying the components
- Research on Web Page Categorization
- Research on machine learning algorithms and libraries
- Research on Web crawlers
- Installation of operation system(Ubuntu for desired working environment)
- Installation of the database that will be used for the project
- Research on open source libraries and algorithms of machine learning and web crawlers
- Well defining components' properties

Achieved Goals:

- All the tasks above.
- Database is installed and working.
- We researched and consulted to the company and our supervisor and made system requirements clear.

Overcome Problems:

- At the beginning of the semester we were not supervised enough to handle some issues on the project such as machine learning, natural language processing. We tried to get familiar with these concepts.

Plan Update:

- We realized that we will need an extra component between the web crawler and the classification tool to convert crawled data to vectors or something usable by machine learning algorithm.

Team evaluation

Our team can work together just fine. Every week before our meetings with our assistant we meet and share what we researched or developed. The work packages are just defined. We will assign them to members and if needed we can interchange the tasks between members in future.

Finished Tasks:

Task	Assigned Member	1 st week	2 nd week	3 rd week
Machine Learning Research	Özge Donmaz	✓	✓	
Database Research	Mert Basmacı	✓		
Market Research for Similar Products	İzzet Barış Öztürk	✓		
Machine Learning Research	İzzet Barış Öztürk		✓	
Document Categorization Research	İzzet Barış Öztürk, O. Ozan Yüksel		✓	
Web Crawler Components Research	Mert Basmacı		✓	
Suitable M.L. Library Research	Özge Donmaz		✓	
WEKA M.L. Library Research/Experiment	İzzet Barış Öztürk			✓
Linux Environment	Onur Ozan Yüksel			✓
MySQL Server	Onur Ozan Yüksel			✓
Web Crawler Tool Comparison and Test	Mert Basmacı,Özge Donmaz			✓

Sprint I Backlog Updates

We had 3 Tasks for first sprint in the Start-up Document. We managed to finish them all. They were :

Task Number	Name	Description
T1	Clarify	Clarifying the scope of the project, expectations and the desired outcome
T2	ML Research	Researching about Machine Learning Algorithms and Libraries to be used in the project.
T3	Database	Creating a database that meets requirements in a desired environment

The rest of the tasks will be handled in other sprints as planned.