

## **WLS: Word Labeling System**

### **Vision**

We envision using several predefined tags to create our Data Tagging System training dataset. The system will be designed to give us the positive and negative structure of the sentence by determining the text entry intention and purpose of the customers, defining the word types, classifying special names such as place and people. This system will reduce the overhead of the process and ease the workload of the user.

### **Problem Statement**

The process for reviewing potential users for comments and content is fairly manual, and most of the workload cannot classify. If we explain by exemplifying this situation, determining the intention or purpose of a text input, defining the types of words, classifying special names such as place and people will give us a positive or negative structure of your sentence. Thanks to this labeling system, it is aimed to support the product more. Providing new buyers with an explanatory real user reviews and making our system more educated with each user comment. In this way, we will have the chance to offer a better quality product to the people or companies we will provide this service. With the WLS system, E-commerce sites, markets, furniture stores and many other buyer-seller relationship projects will be able to benefit.

**List of Functional Requirements:**

- User can use this labeling system in any working area
- User can group some part of sentences whatever s/he wants.
- User can keep this group or words within parts.
- This system provides easily classification of words or sentences

**List of non-Functional Requirements:**

- The user can see his review for the product on the product page.
- The Software provided will provide 90% uptime.
- The software will be able to run all environments.

**Stakeholders:**

Customer, Project Manager, Librarian, Programmer.

# DomainModel

