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## **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:**

- The ability of user owners to obtain documents supporting a potential product details online.
- Providing the ability to add comments to the reviews of the product that the user owns.
- The user can review and edit the comment details owned.
- The user offers or does not like the other reviews.
- User can add and remove products to the created favorite product list as they wish.
- The user can add a star rating about the product in company with a created mechanism.
- A dashboard mechanism for WLSs users to see the current status of their customers as well as the dates of their current review comments.
- Records every transaction we do as a log file.
- Consistans check probability has been added to the simulation.
- A parameter was created for each user.
- According to CCP (consistency check probability), random bot was used for users.

**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.
- When the user comments on the product, he does not have to buy the product.
- Coding has been done to increase performance.

**Stakeholders:**

Customer, Project Manager, Librarian, Programmer.

# DomainModel

