**Software Requirement Specification Document**

wolower

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# **Introduction**

This section will describe the scope of this software requirement specification document. You will also find the purpose of this document.

## Purpose

The purpose of this document is to give you a detailed description of the requirements for the project “wolower (wälō-ər)”. The “wolower” is a twitter-based application that is analyzed, designed, developed and managed for the lesson SWE-573 Software Development Practice at Bogaziçi University.

## Scope

Users will be able to “follow the words” (we are going to call this phrase as **wolow** starting from now) from Twitter users by using the application that will be developed in the scope of this project. The tweets of the words selected by the users will be displayed by the system. The system will also allow the users to favorite, retweet, and follow those who tweeted the tweets displayed.

The application will be a web-based application. Users will access the system by using the web-browser installed on their PCs and mobile devices.

## Definitions

|  |  |
| --- | --- |
| Term | Definition |
| To wolow | To follow a word |
| Woow | A word that is defined in the system and ready to wolow |
| Wolower | The platform provides you to wolow the woows you desire |

# **Requirements**

## Functional Requirements

### Functional requirement 1

ID : 1

Description : Users shall login to the system before starting using the system.

Dependency : -

### Functional requirement 2

ID : 2

Description : Users should register to the system through the pages provided in web application. The system should require from users email address and password for enrollment.

Dependency : -

### Functional requirement 3

ID : 3

Description : The system shall provide the users a “forgot password” service.

Dependency : 2

### Functional requirement 4

ID : 4

Description : Users should be able to login to the system by using the feature of “Sign in with Twitter”.

Dependency : -

### Functional requirement 5

ID : 5

Description : The system shall display a message to warn the user about that he/she has no woow.

Dependency : 1 or 4

### Functional requirement 6

ID : 6

Description : The user should choose the predefined woows to wolow or add their desired new woows into the system.

Dependency : 1 or 4

### Functional requirement 7

ID : 7

Description : The system shall display the tweets associated with the wolows of the user in the page (will be home page) that come up right after successful login.

Dependency : 1 or 4

### Functional requirement 8

ID : 8

Description : User should be able to follow those who tweeted their woows.

Dependency : 4

### Functional requirement 9

ID : 9

Description : User should be able to retweet the tweets what contains their woows.

Dependency : 4

### Functional requirement 10

ID : 10

Description : User should be able to edit their information like below:

* Email address
* Profile image

Dependency : 1 or 4

### Functional requirement 11

ID : 11

Description : User should be able to change their login password.

Dependency : 1

### Functional requirement 12

ID : 12

Description : User should be able to wolow new woows quickly and easily.

Dependency : 1 or 4

### Functional requirement 13

ID : 13

Description : User should be able to get active or deactive the location-based displaying of the application.

Dependency : 1 or 4

### Functional requirement 14

ID : 14

Description : User should be able to choose the language in which they desire to see the tweets contains their woows.

Dependency : 1 or 4

## Non-functional Requirements