Middle East Technical University

Department of Computer Engineering

`A Unified News Exchange Server `

Weekly Report #2

Goncagül DEMİRDİZEN

Hilal KARAMAN

Ali Anıl SINACI

Ferhat ŞAHİNKAYA

"NewsAgent"

by

i$T€ Yazılım

Spring, 2006

19.03.2007

Ali Anıl Sınacı:

This week I have added some extra functionalities to article and newsgroup operations and I mainly focussed on the implementation of archiving mechanism of NewsAgent. After completing the database layer operations, I have studied on the web services layer with my team members. I deployed the web services related with the database layer operations. As a result, we completed the first version of the NewsAgent core ready. Next week, we will study on our own work packages. I will be the leader of NNTP module implementation and I will work on the connection handling and authentication related issues of the NNTP module. On the other hand, I will start the implementation of NNTP command handlers part.

Goncagül Demirdizen:

This week, we completed the first version database layer and web services layer implementation of NewsAgent with my team partners. There will also be some additions and reviews on these layers throughout the process. I have completed the configuration log mechanism implementation and newsgroup access level operations, this week. After finishing these database operations, we have worked on web services. We planned to start the implementation of other work packages and modules from next week. I will be responsible for the RSS/Atom module and next week I will study on RSS feed generation, appending and deleting items from the feed. Moreover, I will focus on authentication for accessing the RSS feeds.

Hilal Karaman:

Throughout this week, we studied on the NewsAgent core implementation and finished the implementation of database layer operations and deployment of related web services, initially. For this part, I have implemented the newsgroup subscription/unsubscription and setting mail receiving option operations. This is the first version of the NewsAgent core and there will be updates and additions when it is necessary. For next week, I will begin to study on e-mail module of the project and I will implement e-mail generator for the incoming articles and send the e-mail by the help of James SMTP server. On the other hand, NewsAgent will accept e-mails from the registered users and I will study on

parsing the e-mail and converting to the article.

Ferhat Şahinkaya:

This week, I have worked on the core implementation of NewsAgent and we have completed the database layer and web services layer functionalities as I$T€ Team. The latest basic functionalities constructed the first version of the NewsAgent core. For database layer, I have completed user group properties and implemented user operations and then we worked on the deployment of the web services. From today, we will focus on the work packages which we are responsible for. I will deal with the web module and next week, I will work on the graphical user interface design and user account operations implementation which consists of user info operations, article and newsgroup operations via NewsAgent web module.