

Middle East Technical University



Department of Computer Engineering



'A Unified News Exchange Server'

Weekly Report #7

Goncagül DEMİRDİZEN

Hilal KARAMAN

Ali Anıl SINACI

Ferhat ŞAHİNKAYA

"NewsAgent"

by

i\$T€ Yazılım
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Ali Anıl Sınacı:

Throughout this week, we spent most of our time on preparing the initial design report as IŞT€ Team. According to our requirement analysis review, we have determined the structure of the system and modules and I mainly studied on the system modules and database design of our project. I described the entities and the relations between them and we specified the main structure of our database. On the other hand, I studied on the data flow diagrams with team members and showed the main flow of our system.

Goncagül Demirdizen:

This week we focused on our initial design report with my partners. After a review of analysis and developing the structure and system modules, design decisions are visualized in our mind more clearly. I mainly worked on the sequential diagrams in order to represent the messages and interaction between our classes and objects and use cases of the system. Moreover, I also worked on class diagrams with my team members and we constructed our classes and the relations between them.

Hilal Karaman:

This week, we have studied on initial design report. It was time consuming but I think that it was an important step of the project to shape our ideas about NewsAgent. For this report, we firstly worked on classes that we will implement. Then I draw class diagrams and explained the relation between classes and why we use these classes. Then I explained our testing strategy for different modules of NewsAgent by giving also a schematic representation.

Ferhat Şahinkaya:

This week, as a team we have worked on writing our initial design report. Firstly, I have created our relational database schema on our PostgreSQL server. By this way, in addition to my researchs on previous weeks on PostgreSQL, I have become more familiar with the syntax of PostgreSQL, practically. Secondly, I have participated in creation of class diagrams of NewAgent

and investigated RFC 977 in a detailed manner, which provides us to handle NNTP module perfectly. In addition to these, I have examined some SSL features and noted them in our report.