

SUPPLEMENTARY SPECIFICATION

SUPPLEMENTARY SPECIFICATION	1
1 Introduction	2
2 Functionality.....	2
3 Usability	2
4 Reliability.....	2
5 Performance	2
6 Supportability	2
7 Implementation Constraints	3
8 Purchased Components	3
9 Free Open Source Components	3
10 Interfaces	3

Version	Date	Description	Author
Inception draft	17.11.2006	First draft. To be refined primarily during elaboration	Schnl1, Zumsr1

1 Introduction

This document is the repository of all ENA requirements not captured in the use cases.

2 Functionality

2.1 Logging and Error Handling

All errors that occur are directly printed out to inform the user and stored/logged in the data source.

2.2 Security

A user registration with activation is being used. To use the system the user has to authenticate with user name and password.

3 Usability

All texts in the System are displayed in English because it's an international language and easy to use in applications because of different character sets. The language constraint does not concern the Texts which are written by the authors.

The GUI itself is not defined. Therefore no visual constraints are given. Generally the application should be usable on many different clients.

4 Reliability

The functions a user calls are fully independent. The biggest error source is the usage of mails which not infrequently do not reach its destination (for example SPAM filters). On the other side the data source has to be accessible all the time for requests and changes.

5 Performance

Important performance factors are.

- Data source (connection) speed
- Mail server (connection) speed

Because the system itself is quite small and user-oriented it will not cause any performance issues concerning its own functions.

6 Supportability

6.1 Adapability

The core architecture which we are about to realize is fully independent from it's GUI and will access a independent data source. Different implementations are possible.

6.2 Configurability

The users (subscribers and editors) are not able to configure the system itself. The subscriber is only able to manage his subscriptions which are written and read from a different data source.

7 Implementation Constraints

The use of Java technology is boosted from the IT department of our school. Therefore the implementation will be programmed in Java.

8 Purchased Components

For the system core we do not need purchased components. Only Open Source Components will be in use.

9 Free Open Source Components

As already mentioned the system core which is the only system part we focus on in this project will likely be realized in Java.

The following applications/utilities will likely be used:

- Eclipse (Java programming environment)
- JUNIT (Java program code testing component)

10 Interfaces

The system core needs a mail server to send the necessary emails.

Not yet specified (not part of the project).