



SOFTWARE ENGINEERING 2

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*GuessBid*

*CHANGES TO*  
*RASD*  
*&*  
*DD*

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## 1. Introduction

This document aims to track all changes made to both the *Requirements Analysis and Specification Document* and the *Design Document* presented at the beginning of the Software Engineering 2 course.

In particular, only the sections of the two documents that have undergone changes will be explicated, listing the problems that arose during development and changes due to the solutions adopted.

This document is indispensable for two fundamental reasons:

- The documents written previously were produced in the preliminary phase of the project, for that reason it has been necessary to clarify certain aspects of the system in question;
- At the time of writing of the documents, we had not completely clear ideas about the programming language Java EE and other technologies used in the implementation phase; this led to the downsizing of part of non-functional requirements.

For both components of this document refers to the corresponding sections of the original RASD and DD; the lack of correspondence in this document compared to the previous implies that for the section in question there are no changes compared to previous documents.

Whereas this document is a sort of "update" of the previous, it has to be considered as updated and sections changed should be considered as the newest version of the corresponding ones.

## **2. Changes to Rasd**

### **2.1.6 Glossary**

The “changing of position” specified in previous version has to be intended as the changing between two possible position: “winning” and “non-winning”: if a user was not winning and a new bid is placed, he will not be notified because its position remains that of “non-winning”.

### **2.3.1.5 Auction Information**

See section 2.1.6 above.

### **2.3.2.3 User Interface**

We made some changes in the pages previously presented as sketches page: in particular, home page contains a series of links that let you access the pages of the various functions, previously available on the home page itself.

Furthermore, for time reasons, the settings section has been taken off and the “search” section has been replaced by a more generic search by Google.

Also the auction page has been changed compared to how it was previously thought: in fact you can’t see a single auction, but all auctions not yet expired will be displayed in a special section, each with its own details, and clicking on auction title will be possible, respecting the constraints of the system, to bid for the object.

### **2.3.2.5 Database Requirements**

In the “Users” entity, the primary key is defined by the username (that of course has to be unique) and not by a numerical ID.

In some attributes, whose that are not annotated with “Not Null”, NULL values are admissible.

### **2.3.3.1 Signing up on GuessBid**

After the registration, Ale will be redirected on Login page, where he can access the system.

### **2.3.3.7 Updating Personal Profile’s Information**

This section has been deleted and doesn’t exist anymore.

### **2.3.4 UML Class Diagram**

Classes “Auction” and “Object” had been merged because of their 1:1 correspondence.

#### **2.3.5.2 Creation of an auction**

The fields that have to be filled in the form are: Title, Description, Information and Expiration Date.

#### **2.3.5.5 Modifying Personal Profile**

This section has been deleted and doesn't exist anymore.

#### **2.3.5.6 Searching for an auction**

This section has been replaced by a “Google research”.

#### **2.3.8.1 Standard Compliance**

We used XHTML instead of HTML5.

### **3. Changes to DD**

#### **3.3 Persistent Data Management**

According to what we have said in section 2 of this document, the two entities “Auction” and “Object” have been merged, and so in all database models they appeared as a single entity having “Auctionid” as primary key, and other attributes, excepting “photo”, as attributes.

#### **3.4 User Experience**

According to what we have said in section 2 of this document, Screen Compartment “Settings” has been deleted (so section 4.2. will not exist anymore), while “Search” refers to a generic search on the web instead of a research in the site (so section 4.3. will reduced to a research driven by a keyword).

#### **3.5 Sequence Diagrams**

According to what we have said in section 2 of this document, Search Controller and Search Manager in 5.2. section have been deleted.