HACETTEPE UNIVERSITY

COMPUTER SCIENCE AND ENGINEERING DEPARTMENT

BBM487 SOFTWARE ENGINEERING LAB
Group 14

LBLS Desktop
Software Design Description

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Library Book Loan System

Configuration and Change Management Report

1. Purpose

When we think of comprehensive projects, we can see that some parts of the initial planning have changed later. The main reason for this is that there are too many people working on these projects and that parts of the project over time can easily be realized differently from the design.

2. Configuration and Change Management Specifications

In this project, we talked about the parts we changed earlier. From that moment on to today, we can say that some of the parts designed in our project have changed. Although some parts of the project have changed, there has not been a big change in the general sense. Most of the changing parts are small details, in general the main structure remains the same.

We tried to design our system to be open to change. In this regard, the system was not greatly affected by the changes. We used the MVC model because we decided that it was appropriate for the application. We can say that we have separated the model section and the code section and that we are successful. In the changed parts all members of the group were in different posts.

The changes and reasons are as follows:

- We decided to use "JavaFX" instead of "JavaSwing" which is used for the interface. Because we think it is more useful for interface design.

- We prefer "Local Database" instead of "Remote Database". Because the local database has more memory.

- We added the profile picture option for books and users for user visibility and ease of use.