



# **BBM 487 – SOFTWARE ENGINEERING LABORATORY**

## **LIBRARY BOOK LOAN SYSTEM**

### **Change and Configuration Management Report**

#### **GROUP II**

**Özlem DEMİRTAŞ                      21327901**

**Umut ÖZTÜRK                        21328394**

**Rahmi Berk ŞEFKATLİ              21427402**

Change management is handled in a social way in our project. When any member of the project has a new idea and wants to change some aspect of the project, he/she will explain his idea and why should it change in the next meeting. All members will discuss the idea considering its pros and cons. At the end of the meeting a final decision can be made or the change request can be suspended until next meeting because the project condition may not be optimal to see future impacts of the change clearly. If the final decision ends up being the change request approved then the required changes are documented and old documents are updated if necessary. Also the schedule is planned about this change.

For example: In our first plan we didn't plan to use a database system but after discussing the pros and cons, we decided that it is beneficial. So we added it to our plan and rescheduled accordingly.

Configuration management is handled by GitHub. All the older versions of the project is stored there and changes between versions can be viewed. When a developer edits or creates a new module he/she will send it to GitHub with a proper description, explaining what is changed briefly. This helps keeping track of changes. Also developers can work on different parts of the project using branches in GitHub. After the changes are done, the branches can be integrated to the master branch.