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| Library Book Loan System | Group 6          |
| Risk Management Report   | Date: 16.05.2017 |



**HACETTEPE UNIVERSITY DEPARTMENT OF  
COMPUTER ENGINEERING  
BBM487: SOFTWARE ENGINEERING LABORATORY**

**RISK MANAGEMENT REPORT**

**GROUP - 6**

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## 1. What is Risk?

A risk is an uncertain event or condition that, if it occurs, will have a negative or positive effect on one or more project objectives . Project risks may be seen as threats or opportunities. The latter means that taking a calculated risk may bring, for example, competitive advantage for a product or organization. If there are benefits associated with an opportunity, then you can take certain degrees of risk for a project to be successful.

## 2. Possible Risks in Our Project

### 2.1. Group Risks

#### a. Group Breakup

Dispute breakdown of group members. Thus, the project is detached from the plan and results in failure.

#### b. Poor Communication Between Members

Communication breakdown between group members.

#### c. One of the Members of Group Ignores Own Responsibility

The members of the Group can not fulfill their assigned tasks in a timely and accurate manner.

#### d. Conflicts About Roles

Group members can have conflicts about the roles and job sharings.

### 2.2. Technical Risks

#### a. Server Crash

Server unexpectedly malfunctioning. To minimize the effect of this, the application backs up the data in the system at regular intervals.

#### b. Internet Connection Lost While Using the App

Since our application is web-based, internet interruption is a critical situation.

#### c. Concurrent Operation

Allow two users to before clicked one try to take books in the same time cocurrently.

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#### **d. Screen Size Problem**

It can have losing quality problem in different size screen devices.

### **2.3. Environment Risks**

#### **a. The Book That Appears on the System is not in the Library**

Although it is an available book in the application, but there is not in the stock of library.

#### **b. Duplicated Book Record**

A book would be added system more than one, but there is only one in the stock.