



**HACETTEPE UNIVERSITY
DEPARTMENT OF COMPUTER ENGINEERING
BBM 487:SOFTWARE ENGINEERING LABORATORY**

Group Number:5

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Risk Management Report

Until the this level in the process of project ,made preparations can be listed as follows. Project cases and vision reports were submitted. In the system requirements specification report, the relations of the project language and the tables to be used in the database were mentioned and finally the information about the architecture to be used in the project was given and the package, deployment and component An architectural report containing diagrams test cases written for each use case and coding all use cases.The risks encountered during these phases are listed below.

| Risks forecasted in planning | How it was handled / mitigated |
|---|---|
| Time to learn programming language | Programming language time might slow down development process and inexperienced team members can create bad code. To solve this problem, we decided to use PHP that every member knows well. |
| Availability of database in different systems problem | We decided to use MySQL on all operating systems. This enabled us to build an application that runs on all platforms. |
| Communication problem of group members | We use of whatsapp application that we can use both on all phones and on the desktop that everyone can use in every environment with the aim of making communication between group members comfortable. |
| Problem of group members working on equal weight | Despite the fact that each group member has certain duties, in fact every member of the group made certain parts of all the work. On this account, everyone worked equally. |

| Risks NOT forecasted in planning, but observed | How it was handled / mitigated |
|--|--|
| It has been observed that not all users may receive the same service if multiple users enter the system at the same time | In this case, each user is assigned a session id when logging in to the system, so the performance of the database query has been tried to be improved. This prevents users from experiencing possible standby problems at the system entrance. |
| There have been some changes in role distributions | Our friend who knows the php language better at last stage of the project wrote the code in the last part. Normally our friend who wrote the code did the analysis and testing tasks. In general, this change made the project finish more quickly. Everyone fulfilled the new task in a complete way. |