

**BBM 487 – SOFTWARE ENGINEERING LABORATORY**

**LIBRARY BOOK LOAN SYSTEM**

**Risk Management Report**

**GROUP II**

**Özlem DEMİRTAŞ 21327901**

**Umut ÖZTÜRK 21328394**

**Rahmi Berk ŞEFKATLİ 21427402**

|  |  |
| --- | --- |
| **Risks forecasted in planning** | **How it was handled / mitigated** |
| Target work hours for some tasks can be underestimated. | Plan with a buffer in mind. |
| Risk of project members having health problems, rendering them unable to contribute. | Reschedule the workload to healthy members. |
| Project members losing interest in their work. | Distribute the work while keeping in mind the preference of the members about any task. |
| Overlapping work from other courses can force the members to make compromises. | Notify the other members about the situation beforehand to redistribute the workload. |
| Project members do not investigate the needs of project deeply. | Before starting project, sample projects that are developed in previous years are examined. |
| The computer of one of the project members can break down during the development process. This can cause the development of project to slow down. | Project members should keep the second computer around. |
| Project members may not have in-depth knowledge about the programming framework of project. Which can cause slow development or force the plan to change because of overestimating the capabilities of the framework. | Before starting project, the project members learn the framework to have a good idea about its capabilities and weaknesses. |

|  |  |
| --- | --- |
| Risks not forecasted in planning, but observed | How it was handled / mitigated |
| Because we used an only locally accessible database system, most of the changes to the code must be done and tested on that single computer using remote access programs like TeamViewer. This makes individual work almost impossible and if the owner of the computer is not available, all database features are halted and cannot be tested. | Changes to the code are handled in sessions which are scheduled days before to avoid unavailability problems. |

Most risks can be handled by rescheduling or redistributing but if these happen too frequently, it can cause the team members to work extra hard to fill the gaps.