**Sports Center Management Software Risk Management Report**

1. **Introduction**

This document for showing risks that may occur while developing to the stakeholders of the project and how to deal these risks before they did negative impact on the development process.

1. **Fore-Casted Risks Table**

|  |  |
| --- | --- |
| Fore-Casted Risks in Planning | How It Mitigated |
| Compatibility in mobile application | We used 4.2 version of Android for preventing this risk. |
| Latency in development | Every team member has some knowledge for other member’s subject. So, each member in the team has some knowledge about all areas. |
| Data loss about project | All documents stored in project’s GitHub repository. |
| Security issues on data process | While accessing to database we use controller for that process. Communication providing on the controller. With this indirect way instead of direct way, occurring errors decrease. |
| Security issues on data storage | Passwords of the system firstly encrypted with AES the stored in the database. |
| Maintenance | We will implement a management panel for changes in the future. System will not be static, system will open for management changes in the future. |
| Unsatisfied customers for not user-friendly product | Design of the system as simple as possible. |
| Out-of-date technology | We use recent technologies for development. So, product will be updated and remain usable for a long time. |
| Incomprehensible usage for product | We design a user manual and put a download link to each application. |

1. **Observed Risks Table**

|  |  |
| --- | --- |
| Not Fore-Casted Risks in Planning | How It Mitigated |
| Planning mistakes for deadlines | With other projects some of our team members can be very busy and can not complete their work. If a member is busy enough other members can help him/her and finish the task. Also, early starts may help prevent to missing deadlines. |
| Web Application – Android Application asynchronized development | We define a primary focus for applications. First android application will be finished. Web application is secondary focus. So, as we planned before android application will follow planning dates, but web application can be late. |

1. **Appendix – Risk List**

We also prepare a risk-list excel document for clear understanding of these risks and them mitigations. That document includes complete risk analysis with probabilities, impacts and types.