# Chapter 6 Other Project Issue

# Risk Management

Every project, risk can be attached and it is very dangerous for the project which should be managed. If the risk is not managed in the project, then there is lots of chance that project gets failure and mismanage of damage can be done which will be hard to repair. Neither we can ignore the risk nor we cannot totally erase the risk but it can be managed and minimized as we have identified the risk for this project are as follows:

**Likelihood table:**

|  |  |
| --- | --- |
| **Likelihood** | **Value** |
| Low | 1 |
| Medium | 2 |
| High | 3 |

**Table 1: Risk likelihood values**

**Risk consequences table:**

|  |  |
| --- | --- |
| **Consequence** | **Value** |
| Very low | 1 |
| Low | 2 |
| Medium | 3 |
| High | 4 |
| Very high | 5 |

**Table 2: Risk consequence values**

**Risk management table:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Risk** | **Likelihood** | **Consequence** | **Impact** | **Action** | **Deviation/ Similar Risk** |
| Server failure | 2 | 4 | 8 | Backup data | None |
| Theft of data | 3 | 9 | 9 | Install defensive mechanisms such as verification system | Files got corrupted due the direct shutdown of the pc |
| Distributed Denial of  Service (DDoS) | 2 | 3 | 6 | Install anti-virus, antimalware systems | Server crash makes the site not reachable for certain amount of time |
| Hard Disk Failure | 1 | 5 | 5 | Data must back up | Every device had expiry date when can be damaged |
| Lack of Skill | 1 | 3 | 3 | Training should provide for skills staffs | Untrained staff gets problem how to use the system |
| Malware Attack | 2 | 3 | 6 | Anti-virus should be installed and should be free form virus. | Data can be affected or corrupted |

Some above risk might occur in near future but right now all above risk hasn’t occurred yet while running the system. These risk were proposed in the proposal and some more risk could can be occurred which cannot be guarantee.

## 6.2 Configuration Management

Configuration Management is used for handling the change in the system and to keep system in consistence for better performance and maintenance of integrity as well as physical architecture and its functional requirements, operational and design information. Separate folder is created to store and to manage in consistence way for better performance and for back backup folder is also created is systematic way that helps in updating the system.

A project name Financing System folder is created inside its folder 7 folder is created which consists of its own information data that is related with project. The folders we created are Project, Analysis, Design, Implementation, Testing, Documentation and Backup. The way it is managed is the configuration management.

## 6.3 Project Issue

Well the Financing System project I have created is developed using Laravel Framework. It was really hard for coding where I face so many problems while coding and executing the program and hard to manage all object and classes. Though I am new to this Laravel framework and this is first time learning and implementing the Laravel to develop a website which is very hard to catch and use in my project, as I learnt Laravel watching tutorials, Laravel scratch and a complete documentation project for small tiny problem that occurred in my program.

It took lot of time for learn and understand how Laravel is implement and how it works. While Laravel have different version and updated syntax. Sometimes small mistake in code damage everything for that a backup file is made for not to waste time.

## 6.4 Limitation

For the project some limitation is listed what can be done and what cannot be done

1. only account holder can login
2. transaction of different currency may be difficult
3. identification of individual account holder
4. one customer can have one account

## 6.5 Future Work

Although the system is not fully finished because of lack of time we have, was new to the system that is developed with Laravel. Only main feature is implemented to the system which is main function and some new features could have been implemented in the system but I was unable to add other new features to the system. With updated features the system is large that need to be completed in upcoming future for better performance in system with upcoming updates and additional function and improvement in design and code or refactoring the code.

Some updated list to provide in future work and in competitive market to get better are as follows:

1. adding the debit card functionality
2. adding the credit card functionality
3. adding online payment and transaction
4. making international connection between standards bank for customer to process
5. adding service for SMS Banking
6. adding the search function
7. front end design to be entertainment and improved