# **Chapter 6: Other Project Issues**

## **6.1 Project Limitation**

The limitation of the project are as follows:

* Not available as app for smartphones in Appstore (IOS) or Playstore (Android).
* Customer can’t cancel the booked ticket themselves. They have to communicate with company staff for this.
* There is no social media integration. User cannot connect their system account with social media account.

## **6.2 Future Works**

To make it more usable and efficient, new features and services must be added to the system. Here are some future works to be done in the near future are enlisted below:

* There is only one type of bus available in the system now. I am planning to add other different buses types as well.
* Whole Bus reservation service will be added in the near future.
* Social media integration will be added. After that, user will be able to login and sync with social media accounts.

## **6.3 Other project issues**

There were some issues while developing projects. They are:

* There was problem while writing LINQ query. It was overcome by doing more practices and guidance from teachers.
* There is problem in jquery of the system which creates problem in seat selection.
* There was issue with connection of database while testing. This issue was solved with after consult with the teacher.

## **6.4 Risk Management**

First of all, risk means a situation involving exposure to danger. It can also be defined as any threats to our business processes, system and data which causes loss if it is not managed properly. All projects involve risks and must be managed properly to enhance the probability of success of project. For this, risk management was developed.

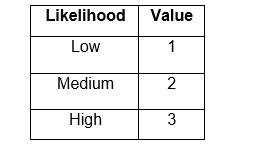
Risk management is the process of identifying, assessing, prioritizing the risks and taking the required actions in order to eliminate the effects of the possible identified risks. This is done in order to minimize, monitor, and control the probability of unfortunate events. The following listed process are carried out in the risk management:

* Identify the risk
* Reduce the impact of risk
* Reduce the probability or likelihood of risk
* Risk monitoring

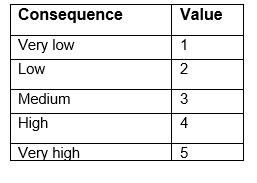
Various type of risk and measures to be taken to prevent these risks are listed below in the table.

To calculate the impact of each identified risk we use,

**Impact = Likelihood x Consequence**



**Figure 7: Risk Likelihood and its value**



**Figure 8: Risk Consequences and its value**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **S.no** | **Possible risks** | **Likelihood** | **Consequences** | **Impact** | **Actions to be taken** | **Remarks** |
| 1 | Inexperience | 3 | 4 | 12 | If any problem occurred consult with experienced one. |  |
| 2 | Insufficient resources | 2 | 3 | 6 | More focus on analysis phase as this phase is more associated with allocation of resources. |  |
| 3 | Sudden growth of requirements | 3 | 3 | 9 | More focus on requirement analysis |  |
| 4 | Hard drive failure | 2 | 3 | 6 | Back-up files for the future reference or save it to the cloud as back-up. |  |
| 5 | Natural calamities | 1 | 4 | 4 | Back-up files for the future reference or save it to the cloud as back-up. |  |
| 6 | Incomplete features and testing | 2 | 4 | 8 | Time management must be done properly. If anything left, that should be done in another development period. |  |
| 7 | Errors while coding | 3 | 2 | 6 | Focus while coding and practice more as it will develop the coding skills. |  |
| 8 | Conflicting priorities | 2 | 4 | 8 | Do more analysis on user requirement and give rank to the priorities. |  |
| 9 | Ineffective design | 2 | 4 | 8 | Focus on user requirements and design phase. |  |

## **6.5 Configure Management**

First of all, configuration is the set of characteristics that define a final product or deliverable. This includes all functional and physical specifications. Configuration management is managing the configuration of all of the project’s key products and assets. This includes any end products that will be delivered to the customer, as well as all management products.

## **6.6 User Manual**