LinkedHU\_CENG

**Risk Management Report**

# Introduction

The process of detecting risk, analyzing risk, and taking actions to decrease risk to an acceptable level is known as risk management. Effective risk management is critical to project success. The project's operating structure revolves upon risk management. Our risk management strategy involves preventing unreasonable concentrations of exposure, minimizing possible losses from stress situations, and ensuring that all of our financial resources remain adequate. Planning, identification, evaluation, decision-making and execution, monitoring performance versus plan, mitigation, and reporting are all defined as core risk management and control procedures. Some known and predicted hazards are maintained in this report.

# Description

|  |  |  |
| --- | --- | --- |
| **Risk (forecasted in planning)** | **Contingency Action** | **Priority** |
| Competition in the market | Trying different marketing methods based on analysis of target customer needs/wants. | **High** |
| Change in requirements | Revise necessary documents,Plan how to blend the changes. | **High** |
| Dissatisfaction of customers(users) | Analyzing customer feedback and accordingly updating User Interface ,adding new features,etc. | **High** |
| Miscalculation in development time | Revise the timeline for fastening the development | **High** |
| Information security risks | Improve security measures,apply security tests | **High** |
| Insufficiency of the database | Examine different database models and hardwares. | **Medium** |
| Bug fix | Gather bug reports and examine them to determine which section of the code needs to be fixed. | **Medium** |
| Database crashes | Attempt to recover data from the database and determine the source of the problem that occurred during the database connection, then identify a solution. | **Medium** |
| Server connections errors | Find the source of the problem, which might be a network or software issue, and then try to resolve it. | **Medium** |
| Underestimated user count | If the number of users exceeds expectations, employ extra servers or expand the server's capacity. | **Low** |
| Application crashes | Gather crash reports and examine them to determine which areas of the code need to be fixed. | **Low** |
| Boot up failures | Software Developers analyze the entire system first, and if the issue isn't related to integration, software developers examine the logs and start debugging to resolve the issue. | **Low** |
| Integration Tools | It's possible that tool versions have become obsolete. If this is the case, check for updated versions of the tool; if not, look for new tools. | **Low** |
| Leaving of a stakeholder | Making a new job sharing(allocating the leaving stakeholder’s job among other stakeholders in a fair way) | **Low** |
| Temporary unavailability of stakeholders | If a stakeholder is temporarily unavailable, assign his/her tasks to another stakeholder. | **Low** |

# 

# Risk Management Report Specifications

Risk List of our web app can be seen below. All Risks forecasted in planning

