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Risk Management Report	Date: 14/06/2020

Frisbee

Risk Management Report

1 Introduction

Risk management is a fundamental discipline for creating a sustainable system, it helps the project manager, project owner, and client to understand existing risks, opportunities and trade-offs. The main purpose of the report is to inform all stakeholders about existing risks and to avoid unpleasant surprises and unauthorized actions.

2 Description

Risk Description:	Priority:
Failed to follow projects schedule.	High
Losing a project member that has a active role on the development.	High
One of the Software used for the development may not run correctly on one of the developer's system.	High
Database may not be reachable for on one of the developer's system.	High
Internal Database errors: Errors which caused by Microsoft Azure. (Server Down-Time, slow transactions)	High
External Database errors: Errors which caused by developers.(Unintentionally deleting/adding/updating entities or dependencies in a erroneous form.)	High
Incompatibility between system modules developed from different developers.	Medium
Inconsistency between UI elements which used on different aspects of the web-site.	Medium
Organizational inefficiencies: Developers may have different schedules.	Medium
The database used in the system cannot satisfy many transactions per second as expected.	Low

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Developers may not trained/experienced with their development part which can cause decrease on quality of the system.	Low
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3 Risk Management Report Specifications

Risk Description:	How to mitigate the risks:
Failed to follow projects schedule.	Project manager must organize milestone meeting to be unsure of following the schedule properly.
Losing a project member that has a active role on the development.	Project manager should organize the project plan considering modularity, in a case where one of the members leave the team, the work which is assigned to him/her would be re-assignable to a different member.
Operating system/hardware compatibility issues between developers throughout the development process. Case1: One of the Software used for the development may not run correctly on one of the developer's system. Case2: Database may not be reachable for on one of the developer's system.	Case1: The software which will be used for the development should be decided considering future compatibility errors. Case2: Database vendor must be reachable for all developers.
Internal Database errors: Errors which caused by Microsoft Azure. (Server Down-Time, slow transactions)	Development of the project should be unrelated of the database vendor chosen, database provider must be changeable whenever an error occurred.
External Database errors: Errors which caused by developers.(Unintentionally deleting/adding/updating entities or dependencies in a erroneous form.)	Every member of the team should be able to reach the database for reading purpose, however only selected users will have authorizon for updating/editing it.
Incompatibility between system modules developed from different developers.	Module design restrictions should be considered on project planning, developers should follow these restrictions on development process.
Inconsistency between UI elements which used on different aspects of the web-site.	Developers should follow the structure of the GUI templates, which should be created before the development.
Organizational inefficiencies: Developers may have different schedules.	Project manager should consider planning a schedule which is followable for all members of the project.

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The database used in the system cannot satisfy many transactions per second as expected.	Development of the project should be unrelated of the database vendor chosen, database provider must be changeable whenever an error occurred.
Developers may not trained/experienced with their development part which can cause decrease on quality of the system.	Task sharing should be planned considering developers' skill set. The time it takes to achieve the skill set required should be taken into account while creating the time schedule.