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Risk Management Report	Date: 03/05/2023

ICES4HU

Risk Management Report

1 Introduction

This document is an essential document that outlines the potential risks and their impact on the course evaluation system project. It identifies the risks that could threaten the success of the project, and provides a plan to mitigate or manage them effectively. The Risk Management Report provides a roadmap for identifying, analyzing, and managing risks, which is crucial for ensuring the success of the course evaluation system project.

2 Description

List of Risks: (in decreasing order of priority)

- **Technical Risks:** There is a risk of system failure due to technical issues, such as server crashes, database failures, or security breaches. Mitigation actions include regular backups, security measures, and contingency plans for system failure.
- **Resource Risks:** Insufficient resources, including staff, funding, and technology or even time could lead to project delays or failure. Mitigation actions include identifying and securing necessary resources early on, establishing a realistic timeline and contingency plans for unexpected delays.
- **Organizational Risks:** Lack of coordination and communication among team members / developers could lead to project delays and poor quality of work. Mitigation actions include regular team meetings, clear communication channels and methods and well-defined roles and responsibilities for each team member.
- **External Risks:** Changes in regulations or legal issues could impact the project's success. Mitigation actions include staying up-to-date with relevant regulations, consulting with legal experts or following the legal regulation changes etc. regularly and up-to-date, and contingency plans for legal issues.
- **Market Risks:** Changes in market demand or competition could affect the project's success. Mitigation actions include market research, identifying unique selling points, and contingency plans for changes in market conditions.

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3 Risk Management Report Specifications

Inadequate market research risk:

Inadequate or incomplete market research may inaccurately determine customer needs and expectations and may fail to provide products that meet their requirements. This can lead to loss of sales and loss of market share.

Incorrect assignment risk:

Assigning tasks to team members without considering skill level or workload can lead to inefficiencies and missed deadlines. This can delay project completion and lead to project failure.

Risks of poor time management:

Poor time management can cause deadlines to be missed, projects to be completed late, or projects to fail. This can also lead to higher costs and lower profitability.

Risk of incomplete or inaccurate project scope and coverage:

Incomplete or inaccurate definition of project scope and goals can lead to project failure. This can lead to late delivery, inefficiency, and increased costs.

Risk of flawed software design:

Errors in software design can cause project requirements and goals to be missed. This can lead to delays, increased costs, and project failure.

Risks of choosing the wrong software architecture:

Choosing the wrong software architecture or a poorly designed software structure can make implementation more difficult, development challenges that can require significant effort to overcome and lead to project failure. This can lead to delays, increased costs, and inefficiencies.

Poor Test Case Control Risk:

Poorly managed test cases can lead to inaccurate test results, inaccurate recognition of test results can lead to the release of critically flawed software and software releases with critical bugs. This can have a negative impact on customer satisfaction and brand reputation.

Inadequate test reliability and capacity risks:

Inadequate test reliability and capacity can lead to inaccurate test results and the release of critically flawed software. This can have a negative impact on customer satisfaction and brand reputation. This can lead to loss of sales and loss of market share.

Risk of wrong decision in software development environment:

Poor or incorrect decisions about your software development environment can lead to significant loss of time and resources. This can lead to inefficiencies, increased costs, and project failure.

Risk of confusion due to irregular documentation:

Confusion from irregular documentation can pose risks to the quality and effectiveness of software testing. This can lead to inaccurate test results and the release of critically flawed software. This can have a negative impact on customer satisfaction and brand reputation.