Hazard Analysis
Farming Matters

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Table 1: Revision History

Date	**Developer(s)**	**Change**
Date1	Name(s)	Description of changes
Date2	Name(s)	Description of changes
...	...	...

Contents

[You are free to modify this template. —SS]

1 Introduction

This document outlines the Hazard Analysis for the Farming Matters game. The Farming Matters game is an engaging way to collect authentic data to support the research study that focuses on whether or not people prefer probabilistic or deterministic information.

[You can include your definition of what a hazard is here. —SS]

2 Scope and Purpose of Hazard Analysis

3 System Boundaries and Components

The system will be divided into the following components:

1. The application including both the frontend and backend consists of:
   (a) Authentication System
   (b) Backend Server
   (c) Database System
   (d) User Interface
2. The physical setup (computer, keyboard, mouse, laptop)

4 Critical Assumptions

[These assumptions that are made about the software or system. You should minimize the number of assumptions that remove potential hazards. For instance, you could assume a part will never fail, but it is generally better to include this potential failure mode. —SS]

5 Failure Mode and Effect Analysis

[Include your FMEA table here —SS]

6 Safety and Security Requirements

The following requirements includes requirements in the Software Specification Document. It also lists new requirements which will be added to the Software Specification Document and have been written in **bold**.

6.1 Security Requirements

SR1. The system must not allow automation of creating accounts.

6.2 Access Requirements

ACR1. test

6.3 Integrity Requirements

IR1. **The system will be able to handle all API requests in API_RESPONSE_TIME**

IR2. **The system will be able to handle all database requests in DATABASE_RESPONSE_TIME**

6.4 Privacy Requirements

PR1. test

6.5 Audit Requirements

N/A

6.6 Immunity Requirements

N/A

7 Roadmap

[Which safety requirements will be implemented as part of the capstone timeline? Which requirements will be implemented in the future? —SS]