

Hazard Analysis

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Table 1: Revision History

Date	Developer(s)	Change
October 13, 2022	Arkin Modi	Create Failure Mode and Effect Analysis table

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

1 Introduction

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

2 Scope and Purpose of Hazard Analysis

3 System Boundaries and Components

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

Table 2: Failure Mode and Effect Analysis Table

Component	Failure Modes	Effects of Failure	Causes of Failure	Recommended Action	SR	Ref.
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6 Safety and Security Requirements

[Newly discovered requirements. These should also be added to the SRS. (A rationale design process how and why to fake it.) —SS]

7 Roadmap

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