Hazard Analysis The Nursery Poject

Team #, Team Name
Student 1 name
Student 2 name
Student 3 name
Student 4 name

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

[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

Component	Failure Mode	Effect of Failure	Cause of failure	Recomended action
Tray Dispensing	Tray not pressent in despense location	tray dispenser does not have a tray to dispense	tray elevator motor failure	have sensor that identifies that there is a tray currrently lifted into tray dispensing location
Conveyor	Failure Mode	Effect of Failure	Cause of failure	Recomended action
Pot Dispensing	Failure Mode	Effect of Failure	Cause of failure	Recomended action
Verification	Failure Mode	Effect of Failure	Cause of failure	Recomended action

[Include your FMEA table here —SS]

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]