Pudding Screen

User’s Guide

Team Pudding: Hunter, Jordan, Alan

# Change Record

|  |  |  |  |
| --- | --- | --- | --- |
| Version | Date | Changes | By |
| 1.0 | **4/7/2016** | Original Version | Hunter Russ |

# Table of Contents

Title pg. 1

Change Record pg. 2

Table of Contest pg. 2

Overview pg. 3

Platform pg. 3

Definitions

Getting Started

User’s Manual

Traceability Matrix

# Overview

The Pudding Mirror is a smart mirror. It functions as a mirror allowing one to see a reflection of what is in front of the mirror. It is also interactive. It syncs up to ones Iphone or Android device to set up the location, and name of the user. After the initial set up it will present the time, weather for the week, and a message to the user. This allows the user to have access to information that is important to their day, again such as the weather and what time it is.

# Platform

The mirror’s GUI is run on a Raspberry Pi 2 Model B running the Raspbian operating system. The mirror boots into the Midori browser to a page that is hosted locally through a LAMP server. The LAMP server utilizes a MySQL database and PHP compiler for backend operations. The frontend is written in HTML and CSS.

To access the mirror’s GUI the user must plug in the mirror which will automarically boot the Raspberry Pi. The device will always boot into the GUI page where the user will have access to the device’s full functionality.

# Definitions

* Leave blank till User’s Manual paragraph written

# Getting Started

All software is pre-installed on the mirror. The user must sync their phone with the mirror to enter the required information upon set up.

Step 1:

# User’s Manual

## Phone Sync

## On/Off Switch

## Weather

## Time

??? am I forgetting anything ???

# Traceability Matrix

|  |  |  |
| --- | --- | --- |
| Requirements | User Manual Section | Comments |
| 1. |  |  |
| 2. |  |  |
| 3. |  |  |
| 4. |  |  |
| 5. |  |  |
| 6. |  |  |
| 7. |  |  |
| 8. |  |  |
| 9. |  |  |
| 10. |  |  |
| 11. |  |  |
| 12. |  |  |
| 13. |  |  |
| 14. |  |  |
| 15. |  |  |
| 16. |  |  |
| 17. |  |  |
| 18. |  |  |
| 19. |  |  |
| 20. |  |  |
| 21. |  |  |
| 22. |  |  |
| 23. |  |  |
| 24. |  |  |
| 25. |  |  |
| 26. |  |  |
| 27. |  |  |
| 28. |  |  |
| 29. |  |  |