Pudding Screen

User’s Guide

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Image

# Change Record

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

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# 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 synchronizes up to ones IPhone and 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 1 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 automatically 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 synchronize there phone with the mirror to enter the required information upon set up.

Step 1: Plug in the Pudding Mirror into an outlet

Step 2: Make sure the Wi-Fi is enabled by the mirror

Step 3: Turn on the mirror manually or through the motion sensor

Step 4: HOW TO Synchronize THE PHONE

Step #: Enter your name, birthday, and location into the Pudding Mirror

# User’s Manual

## Phone Sync

??I don’t know the specifics??

## Turning the Mirror On/Off

There is a manual power button located BLANK on the mirror. Pressing the button once will turn the mirror on or off depending on the current setting. The motion sensor at the top will turn it on if it detects enough movement. ??Will manual button end motion sensor start up??? After a brief loading period the mirror will be fully functional, displaying all of its features. The mirror will automatically dim if it does not detect movement for # minutes then turn off after # more.

## Weather

The weather for Today will be displayed in the top right corner of the mirror. It will pull information from Yahoo weather to display a 5-day forecast. An image related to the weather will be displayed, such as a sun for sunny weather. The temperature high and low will also be displayed for the current day.

## Time

The time will be displayed in the center of the mirror. It is displayed in standard time based on the time zone of the location you entered. You cannot manually change the time.

## Message

The mirror will also display a custom message using the users name related to the time or date.

From ? to ?:

From ? to ?:

On the user’s Birthday:

## ??? Am I forgetting anything???