

# **L**ast Resort Recovery

## Alpha Review

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## Goal Review

In our proposal, we stated that our intent was to develop an application that could transmit system information from your laptop to our web servers, where you could then access and view the information in an attempt to locate or recover your lost or stolen laptop

## New Issues

When we gather an instance of information from a device, we call it a record.

The biggest issue we have currently run into is how to properly display previous records for a device. Our original design quickly became cluttered as the records came in and was hard to view.

One of our future issues is to add screen captures and webcam captures to the uploaded information when a device is declared lost. We need to figure out how to properly and efficiently store these images for viewing by the users.

## Current Features

Our current features are quite extensive. We have used the Bootstrap framework to help design a clean, minimal, and functional website. A public landing page has been created which serves as an introduction to the website. The page describes the product and it's features to the user. This includes a signup form and a login form to allow the user to create an account. A

dashboard page allows the user to view their current devices and associated statuses. The dashboard includes a page for each device which contains all the report data for that device and displays the report in a readable format.

## **Future Features**

### ***Agent***

On the agent, we hope to port it to the Mac OS and possibly even the Windows operating system. We also plan on adding support for screen captures and webcam captures.

### ***Website***

The account management page needs to be implemented ,as well as the instructions on how to install the agent. Time needs to be spent on perfecting the devices page features, including the indexing of device records.

Additionally, an export to PDF feature should be added to the displayed record so you can store a hard copy or bring it to the police. Finally, we would like to give a map to the relative location of your device with embedded Google maps. This will be tricky, but if successful, it would really sharpen the feel of our product.

## **Contingency Plans**

### ***Issues***

The nice thing about the displaying of records issue is that we have many designs to pick from. So even if we don't find the "right" one, we will have a few backup designs that aren't terrible. Our issue with proper storage of images on the server can be ignored entirely if we do not fully implement those features. However, we can also look towards other secure storage methods such as a 3rd party system.

### ***Features***

At this stage, our only required feature will be the account management page. All others are not entirely necessary. However, we plan to use every resource accessible to develop the remaining features mentioned above.

## **Schedule Assessment**

Currently we are following our schedule quite closely. Due to other work, we may not be following it exactly week by week, but we are getting solid bursts of productivity to keep us on track. We as a group have discussed increasing our testing period as we know there are going to be quite a few bugs due to the complexity of our product. Overall we should meet our original deadline.

## **Resource Review**

As we started developing our website, we quickly determined that the Twitter Bootstrap would better accommodate our needs over the jQuery UI. We have been using Bootstrap since and have had a good deal of success. The majority of our time will be focused on polishing the frontend of the website to be seamless.

## **Scrap**

At this current point, we believe that we will be able to attain all our planned features and possibly more of the time sensitive features such as the Windows agent support and more agent control from the website such as scheduling.

## **Final look**

Our current layout of the website is very close to what we envisioned from our original design. We will continue to polish this design and add to it as features need to be added or changed.

## **Overall Progress**

We have currently have a working product that needs to be polished for usability. We have extra features we would like to add if time permits. The remaining of the semester will be devoted to this process.