

BlackRock Code Sprint for Impact 2017

Ampleharvest.org

3 Project Descriptions for Hackathon Teams

Project A Donation Page Optimization
Project Description
<p>AmpleHarvest.org receives a large population of people coming to the site looking for information, but the amount of people who take the time to donate pales in comparison. We'd like to rethink and redesign our donation strategy. This includes actually graphically re-designing the page itself: (http://ampleharvest.org/donate-m1/) as well as thinking through the User Experience and UI of the overall website to better generate donations.</p> <p>Last, we need to think about the type of data we are storing, how to generate incoming leads through social media, and how to better tell the story of those who have donated. Specific tasks and details will be posted soon...</p>

Project B Capture Conversion Information from Food Pantry Lookup
Project Description
<p>AmpleHarvest.org receives a large population of people coming to the site looking for information. This includes:</p> <ol style="list-style-type: none">1. Home/community gardeners who are looking for a food pantry to donate food to2. Hungry families looking for food. <p>AmpleHarvest.org needs to start collecting information on these two groups of people without asking/requiring a "log on" process.</p> <ol style="list-style-type: none">1. For the gardeners, passive information (IP address, date/time, location from where they are located, type of device they are using, and which food pantry they are looking at), and on a voluntary basis, active information (what they are growing, an estimate of how much they may donate (metric would be shopping bags filled), if they plan to

donate food to the food pantry they are viewing, how they heard about AmpleHarvest.org (pull down menu) and have they ever donated food before.

2. For the hungry families, passive information (IP address, date/time, location from where they are located, type of device they are using, and which food pantry they are looking at), and on a voluntary basis, active information (would they be interested in garden fresh food once they went to a food pantry, is fresh food important to them, how many children are in the family, their age (range), gender, how they heard about AmpleHarvest.org (pull down menu) and do they have a garden of their own?

In both cases, we want to limit access / entry of information to people physically in the United States.

Information for both of these would be accepted from the AmpleHarvest.org find a food pantry page, and would be stored in a file format that could be easily downloaded in a spreadsheet format from the AmpleHarvest.org hosting platform – preferably by someone with .ftp access. AmpleHarvest.org's web site is a Wordpress site yet the find a food pantry page is .php code that works within a window of that page. The AmpleHarvest.org theme is "fragile" and should not be altered.

The data from this should be stored in a separate datafile from the main AmpeHarvest.org MySQL file.

The file in our system this displays the information, and where the data capture would take place from is called AmpleHarvest.org/find-a-pantry/food-pantry.php. People can see this in operation by going to www.AmpleHarvest.org/findpantry and doing a search.

Task Descriptions

- Collection passive information from site visitors: IP address, date/time, location from where they are located, type of device they are using, and which food pantry they are looking at
- Create process to collect active information from visitors
- Create a download process that doesn't require ftp access
- Edit .php code in Wordpress for Ampleharvest website
- Data storage for new information using MySQL

Links

<http://ampleharvest.org/find-pantry/>

Contact Information

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Project C

Mobile Image Capture

Project Description

AmpleHarvest.org currently works from a responsive wordpress platform directly on the web.

We would like to have a super simple iPhone and/or Android app (distributed for free) that will be used by gardeners looking for a food pantry to donate food to.

This app would not only help the gardeners find the pantry, but will also serve to gather information on what is being donated (text, photo, voice to text), store the information on our servers, and lastly, let them share the information in their own and AmpleHarvest.org's social media platforms.

Information collected would be passive (IP address, date/time, location from where they are located, type of device they are using, and which food pantry they are looking at), and on a voluntary basis, active information (what they are donating (photos, text entry or even voice to text), an estimate of how much they may donate (metric would be shopping bags filled), if they plan to donate food to the food pantry they are viewing, how they heard about AmpleHarvest.org (pull down) and have they ever donated food before.

We understand that a full app may not be possible to build during a short event - so we welcome ideas and alternative solutions including mobile web solutions.

Task Descriptions

- Using existing Iphone or Android libraries to build a simple application
- Search and image upload functionality for application
- Store information in MySQL servers
- Collect IP address, date/time, GPS location...etc....