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Steelman_COMP523

Application Processing

Stage	Invite to Pitch
Program applying to	UNC Dept of Computer Science
Account Name	University of North Carolina at Chapel Hill
Founder's survey Prefill link	www.tfaforms.com/4600347?account=00141000005WvkV&campaign=&opp=0061M00001BabVz

Opportunity

Opportunity Name	Steelman_COMP523	Opportunity Owner	COMP523 ProgramMgr
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Primary Contact

First name	Tyler
Last name	Steelman
Email	tsteelman@unc.edu
Professional Title	I am a graduate student in the department, I am not really "representing" them in a formal capacity

Project Idea

Reason for application	<p>In survey research, it is sometimes necessary to identify the congressional district of the survey participant. ZIP codes are the smallest unit of publicly available location data and represent an accessible avenue for predicting someone's legal congressional district. However, because ZIP codes are often split by two or more congressional districts, I have created a program that identifies the most likely congressional district by ZIP code using the shared population distribution between the two geographies.</p> <p>At present, using this data in a live survey is difficult. In Qualtrics, the programming of every ZIP code / congressional district pair is time-prohibitive as this number reaches into the tens of thousands and each pair would have to be matched individually. Qualtrics offers an API which facilitates GET requests from a document. However, this requires the ZIP code / congressional district data to be in the appropriate format. We desire a web application to perform these lookups.</p>
CS - Current Solution	When it is possible to hard code these lookups into a survey platform like Qualtrics, we do. However, this requires a logic statement for each possible combination of lookups. In instances where the programming costs are too high, we are forced to abandon the strategy.
CS - Who are users?	Users would be survey researchers. This is the type of software that users from a variety of disciplines would find useful and valuable. Survey researchers often have data they need to access in a live survey but cannot justify the enormous programming costs that accompany the need.
CS - Software Access Point	Web browser (desktop)
Other Access Point	
CS - Additional Constraints	I will defer to the programmer for this.
CS - Concerns with student ownership?	No, I do not have concerns.
CS - Describe Concerns	

CS - Protected health information?	Not as a rule. Users may need to upload this type of information for use in their surveys, though.
Additional information	
Comments	

Client Expectations

CS - How critical is software?	The problem described is one that I encounter often in my work as a survey design consultant. This type of functionality would increase the usability of existing software tools to be more flexible and efficient for researchers.
CS - Available to pitch?	Yes
CS - Available to convey requirements?	Yes
CS - Available to answer questions?	Yes
CS - Reasonable expectations?	Yes
Consulting - Attend team meetings?	Yes
CS - Able to pay for infrastructure?	Yes

Client Group

Founder 2

Founder2 First name

Founder2 last name

Founder2 email

Founder 3

Founder3 first name

Founder3 last name

Founder3 email

Founder 4

Founder4 first name

Founder4 last name

Founder4 email

Pitch Survey Information

CS - Pitch Availability

Other Availability

CS - Recording of presentation

Project Name

Description

Application Details

Close Date 7/8/2021

Account Information

Educational Institution

Account Name	University of North Carolina at Chapel Hill	Phone	(919) 962-2211
Account Active Status	Yes - Active	Fax	
Website	http://www.unc.edu/	Email	
CRVF Investment		UNC DAVIE ID	
CAN investment		Account Owner	Shuford ProgramMgr
Contact			

Address

Billing Address	University of North Carolina at Chapel Hill Pittsburgh, Pennsylvania 27599 United States	Shipping Address	
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Additional Information

Description MIC stands for Music Industry Connected and is a small start-up that is trying to identify the correct course of actions for indie artists to take to have sustainable careers in the music industry. Eventually they want to turn into a music consulting firm for independent artists/

Comments

Parent Account

System Information

Created By	Cindy Reifsnider, 9/30/2016 3:58 PM	Last Modified By	Forms User API, 8/18/2021 10:55 PM
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