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Hurlbert_COMP523-FA2021

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=0061M00001BaW1u

Opportunity

Opportunity Name	Hurlbert_COMP523-FA2021	Opportunity Owner	COMP523 ProgramMgr
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Primary Contact

First name	Allen
Last name	Hurlbert
Email	hurlbert@bio.unc.edu
Professional Title	Professor

Project Idea

Reason for application	A Fall 2020 COMP 523 team designed a web interface for visualizing and exploring the contents of the Avian Diet Database (https://aviandiet.unc.edu). This database continues to grow, and I now need a team to develop an interface for entering new diet data into the database. Challenges include building in various QA/QC checks, and verifying prey taxonomic names from a taxonomic names service API.
CS - Current Solution	Currently, data is entered into a massive flat file with ~60 columns rather than into a relational database. QA/QC checks are done in R, and taxonomic name cleaning is manual.
CS - Who are users?	Biologists with information on avian diet, or students who are tasked with entering diet data from published studies.
CS - Software Access Point	Web browser (desktop)
Other Access Point	
CS - Additional Constraints	Database will need to feed into the existing database that is served here: https://github.com/avian-diet-database Will need to use International Taxonomic Integration Service (ITIS) API: https://www.itis.gov/ws_description.html
CS - Concerns with student ownership?	No, I do not have concerns.
CS - Describe Concerns	
CS - Protected health information?	No
Additional information	

Comments

Client Expectations

CS - How critical is software?	Not critical
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	I can only make Wednesday.
Other Availability	
CS - Recording of presentation	
Project Name	Avian Diet Database
Description	At the core, this project consists of building a web-based data entry portal. Some of the required features include: * login/user accounts * automated QA/QC checks, some of which will interface with external APIs * a reviewer dashboard to easily see any issues raised by the QA/QC checks

* integration of entered and approved data to an existing database on Carolina Cloud Apps (which can be explored at aviandiet.unc.edu)

Application Details

Close Date 7/6/2021

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 Contact		Account Owner	Shuford ProgramMgr

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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