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Clark_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=0061M00001BYdSA

Opportunity

Opportunity Name	Clark_COMP523-FA2021	Opportunity Owner	COMP523 ProgramMgr
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Primary Contact

First name	Rebecca
Last name	Clark
Email	clark75@live.unc.edu
Professional Title	Graduate Student

Project Idea

Reason for application	We are working on developing an application for a mobile device (i.e., a mobile phone) that can interface with a portable potentiostat (the instrument used to take electrochemical measurements). The basic framework of the app has been developed (it can connect to the portable potentiostat and take measurements); however, we need to debug the code and add additional features. We are looking to add an automated feature to the app for taking the measurements, the ability to upload and view data from the cloud, the ability to send data to other users on the app.
CS - Current Solution	We have worked twice previously with teams from this course with great success, and would like to do so to continue to address the problem.
CS - Who are users?	The users of the software would initially be students and scientists; however, we ultimately hope to use this app to make electrochemical measurements (i.e., lead in water, PFAS contamination, etc.) available to the general public.
CS - Software Access Point	Android app (phone or tablet); Apple/iOS app (phone or tablet)
Other Access Point	
CS - Additional Constraints	The app will connect to the device via Bluetooth.
CS - Concerns with student ownership?	No, I do not have concerns.
CS - Describe Concerns	
CS - Protected health information?	No it will not.
Additional information	There is a paper that goes over the potentiostat that the app would connect to if anybody is interested in looking it over. https://pubs.acs.org/doi/abs/10.1021/acs.jchemed.9b00893

Comments

Client Expectations

CS - How critical is software?	The software is quite important for the project; however, for the time being we also have a LabView program that we are using to control the potentiostat. The app would help propel the project forward, and we have made great progress towards this working with the class previously.
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	Matt Verber
Founder2 First name	Matt
Founder2 last name	Verber
Founder2 email	mverber@ad.unc.edu

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	Both days work equally well for me.
Other Availability	prefers Wednesday
CS - Recording of presentation	
Project Name	Sweepstat Mobile App
Description	We are developing a mobile app, for both Android and Apple devices, that can be used to interface with a portable potentiostat (the instrument used to make electrochemical measurements) via Bluetooth. We have worked previously with teams from this course and have made great progress so far! So we are looking to continue working with a new team to wrap up some finishing touches on previous and add

additional features. We are mainly looking to improve/finish the GUI, add automated analysis, add the ability to upload/view cloud data, and evaluation/remediation of instrumental noise.

Application Details

Close Date 5/25/2021

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

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