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Halpin_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=0061M00001BaYXx

Opportunity

Opportunity Name	Halpin_COMP523-FA2021	Opportunity Owner	COMP523 ProgramMgr
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Primary Contact

First name	Peter
Last name	Halpin
Email	peter.halpin@unc.edu
Professional Title	Professor

Project Idea

Reason for application	I would like to develop online learning activities for small groups. The topic area I have in mind is college-level statistics, which is a subject I teach. I already design online interactive simulations and activities for individual students (I can provide examples). I would like to extend these activities to facilitate small group interactions, similar to how small groups can work together in google docs or in online multiplayer games.
CS - Current Solution	I have written a number of shiny apps (https://shiny.rstudio.com) that I use to teach statistics. Shiny is basically a set of functions for making online interactive graphics using an open source statistical software called "R". During class, students work together in small groups to answer questions using the graphs. I assign roles and tasks to group members so that they have specific things to do as a group. I would like to facilitate this same kind of functionality in a remote learning context. I am not tied to using shiny or R, but they could be a useful starting place when combined with something like convergence JS library (https://convergence.io)
CS - Who are users?	Teachers and students of college level statistics.
CS - Software Access Point	Web browser (desktop); Web browser (mobile)
Other Access Point	
CS - Additional Constraints	I would really like to keep using R-shiny, and build something that allows collaborative features to be added onto this software.
CS - Concerns with student ownership?	No, I do not have concerns.
CS - Describe Concerns	
CS - Protected health information?	No.

Additional information

Here are some example shiny apps: <https://shiny.rstudio.com/gallery/#demos>.

I feel like this JS package offers a solution to the problem: <https://convergence.io>

Comments

Client Expectations

CS - How critical is software?	Its 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
Other Availability
CS - Recording of presentation
Project Name
Description

Application Details

Close Date 7/7/2021

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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