

Chickens With Fingers -- Project Proposal

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The goal of our app is to be able to send your location to a specific phone number periodically without physically handling your phone. The idea is that when you set out on an adventure you can tell the app a time interval (30 minutes, for example) and a phone number (maybe your moms), that way every 30 minutes your mom will get a text containing your latitude and longitude. We plan to add some other features such as route tracking, and a full adventure timer if we have the time. This way, when you get home, you can see where all you went on a map and how long it took you.

We will need:

- Countdown timer the user can set that will send a message on 0
- Reset automatically after sending a message
- Google map view within the app to see your location easily
- Pull location data from the phone to place in text
- Save a phone number from user input (maybe access contacts to pull the number?)
- Rotation

Timeline: Week of...

October 15: Setting up app layout (**Amanda**)

October 22: Accepting user input and saving time and phone number for rotation (**Jared**)

October 29: Setting up count down timer from user input (**Fikayo**)

November 5: Pulling location details from phone and adding them to a message (**Amanda**)

November 12: Connecting the message sending to the timer (**Jared**)

November 19: Reseting timer after sending message and allow user to end trip (**Fikayo**)
Driving around charlottetown for testing and troubleshooting this week also!

November 26: **Presentations**

If we are ahead of schedule we can work to add trip tracking and other extras in the later weeks.

Anticipated Hurdles:

- When the phone has no signal (If message fails, try to resend in 1 minute intervals until success?)
- App continuing when phone locked and app closed (running in the background)

Mock Ups:

