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**)
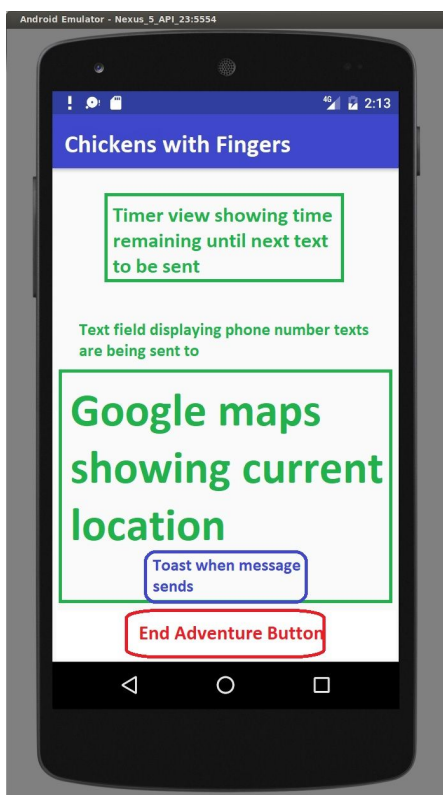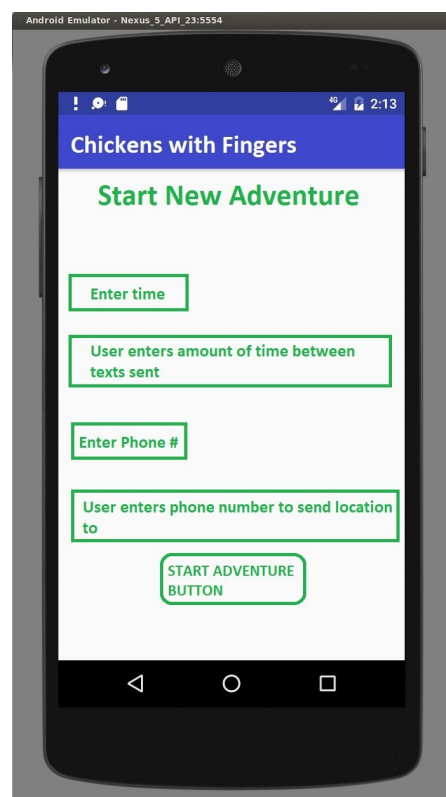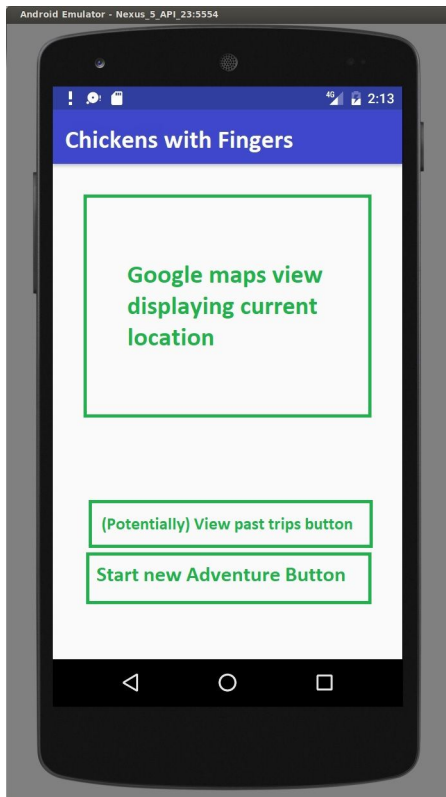   Driving around charlottetown for testing and troubleshooting this week also!

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:

Check In

The objective of the app being built is to enable the user to periodically send their current location to any number of their choice. As of right now, the app is currently at a very early alpha build with a few functions already implemented. The app currently let's you pick a time in minutes and manually insert a number of choice. The timer then begins and sends a message when the clock hits zero. Then immediately, the timer resets and the countdown begins anew. Going by the schedule, the group is currently on par to meet the goals and deadline set.
As we head into the final stages of the deadline, there are plans to get a few features finalized and some existing features updated. Some of these features include:
❏ Using a NumberPicker to select the time interval in between messages to be sent
❏ Using an intent to interact with the user's contact book to select a number
❏ Smooth communication between the app and google maps: getting the users' current location
❏ A few UI upgrades to ensure a smooth interaction between the user and the appe

With all this and possibly a few more addons, the group is pretty excited about what the end product of the app could possibly look like.