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## Location Based Game Idea: Giant remote pictionary

Basically, there are various teams and each team picks one person to be the runner. The runners are then given some word and need to draw out that word so that their team members can guess that word. However, they will need to draw out their word by running around outside and changing their location as seen by GPS. The first team that guesses the word their runner is trying to convey wins the round.

The runner will carry their iPaq and GPS device to track their movements. They can also change some button on their iPaq to change the color of what they're drawing and whether they are drawing or erasing. Team members will all be able to see the path their runner is trying to convey on their own iPaqs.

There will also be a guided mode to allow people to practice drawing with their location. Basically, the iPaq will provide some simple path (ie a star or a circle) and ask the person carrying it to draw it out. It can then detect when the person has traced that shape decently. If we can allow users to program their own paths for the guided mode, this game could double as something that tells users directions to some place.

All communication will be done over the internet and we will set up some central server (hopefully more stable than an ipaq) that will keep track of the ipaqs participating in a game, the paths one ipaq is drawing and the ipaqs that need to receive that information, and the game state. The program on the ipaq will go into various modes when prompted by the user or the server. The user can put the program into either guided mode or normal mode or exit. Once they are in the mode they want, the server will start to guide interactions, asking the users to pick a game to join and then pick which ipaq should be the runner ipaq in a round.

This game is neat because it allows people all over the world to play with each other, perhaps drawing out similar relative paths in places half the globe away from each other. Also, it would give those of us who like sit-down games like pictionary some much needed exercise.