REDKK – User Story 4

A viewer of the music map of the city wants to log in, so they can start leaving their favorite songs on the map at interesting places throughout the city. In order to become a logged-in user, our web app will have them log in using their Spotify account, which will serve as the basis for that user’s profile in our database. After entering their Spotify username and password, and granting RelativityRadio permission to access their Spotify data, users will be prompted to provide information about a “Private Zone”, a specific time frame or geofence inside which listening activity will never be logged to the server (thereby helping preserve user privacy). The web app will also feature a prominent manual switch that will allow them to easily toggle activity logging. Now, if a user has logging enabled, all they have to do is listen to a song on Spotify, and it will be uploaded to the map, along with the location they listened to it. If a lot of motion was present as the song was listened to, the song may instead be represented by a line on the map, with a few points representing the user’s path during listening. If the same song is listened to multiple times in the same place, an integer tally will be increased on an existing pin, rather than a new entry being created. (Similarly, multiple songs from the same album will all be grouped when viewed in map mode.) If a user wants to see their own data specifically, they can query it through a menu item on their web client—users can only query their own listening data, not that of other users (even friends).