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H A T L A S



THE PROBLEM

— PAPER MAPS ARE TOO CLUMSY AND HARD TO USE. —
IN MANY CASES THEY CAN BE HARD TO READ

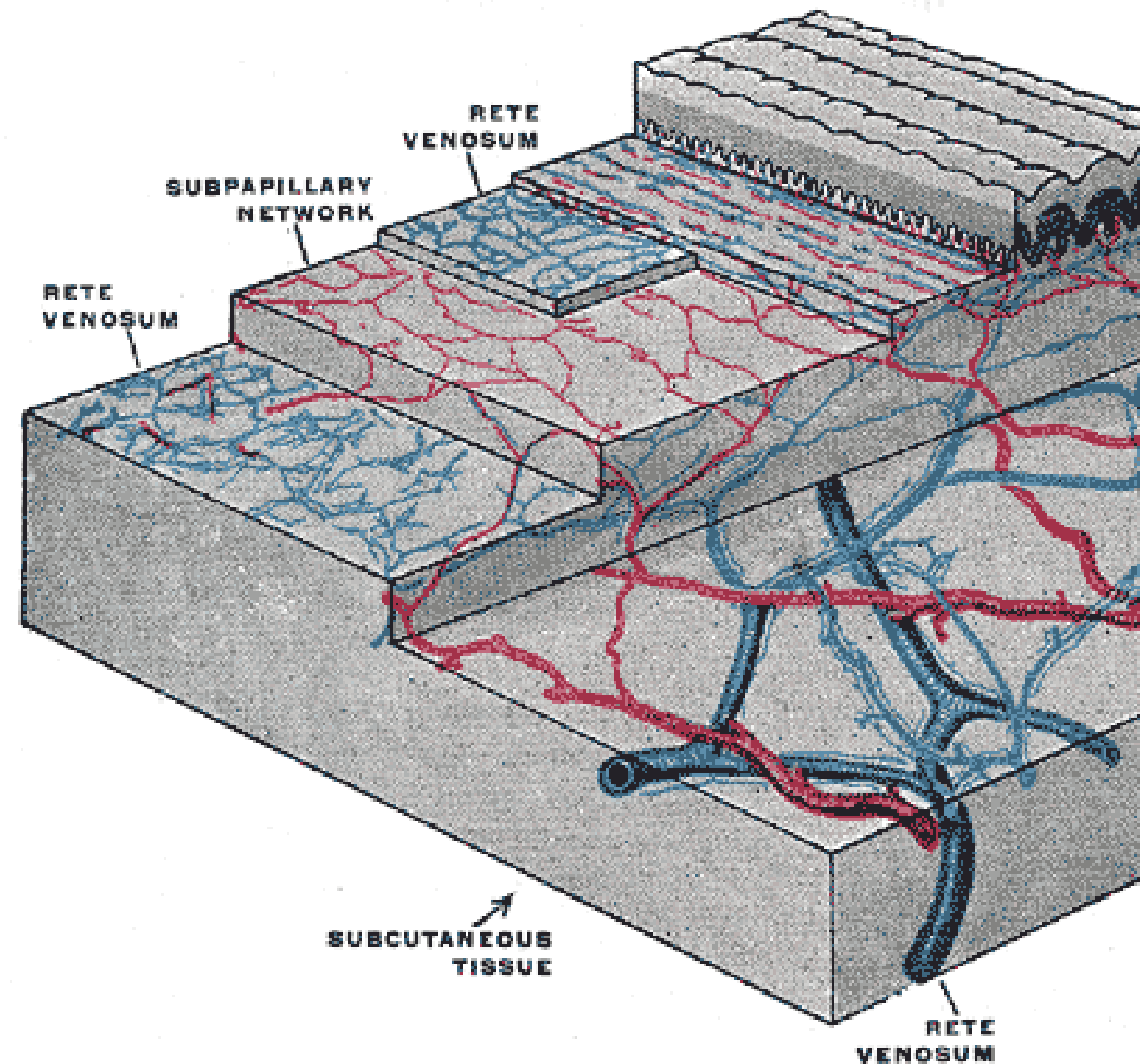
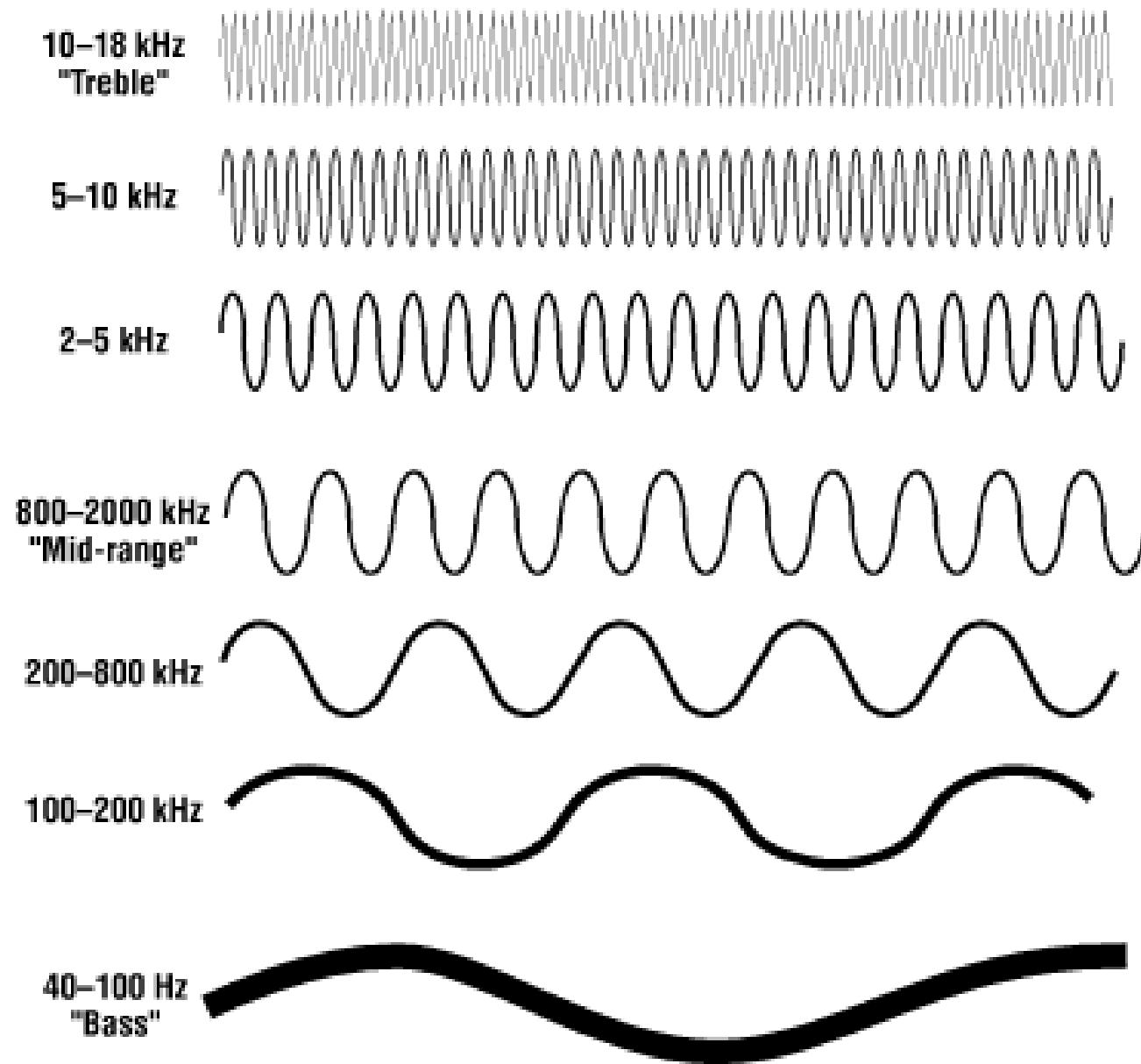


GPS SYSTEMS ARE NOT REALLY DESIGN FOR CYCLISTS. THEY REQUIRE VISUAL ENGAGEMENT FOR THE USER TO RECORD DIRECTIONS.

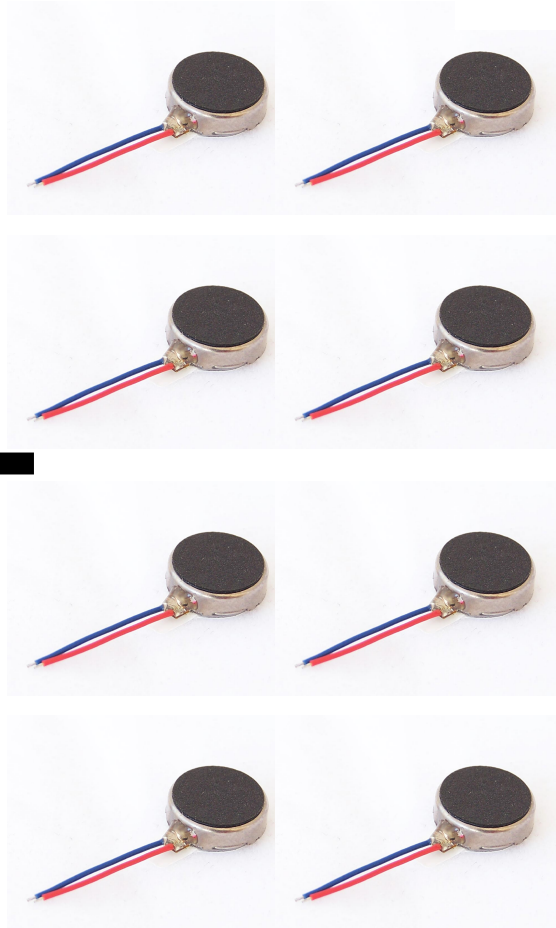
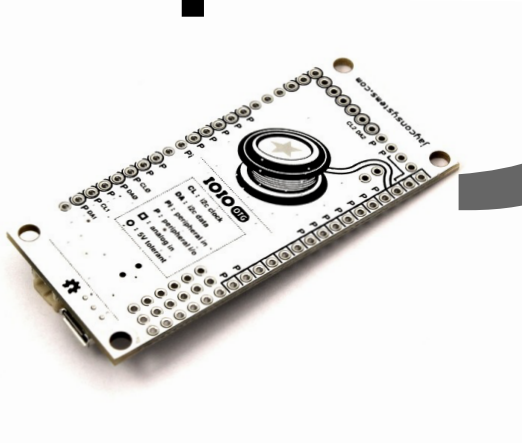


WHAT IF YOU COULD STILL GET YOUR DIRECTIONS
IN YOUR SMARTPHONE, WHILE KEEPING FULL
ATTENTION ON THE ROAD.

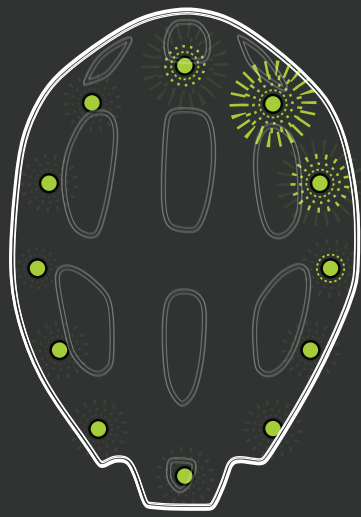
Our Skin is an amazing receptor, why not use it to collect information?



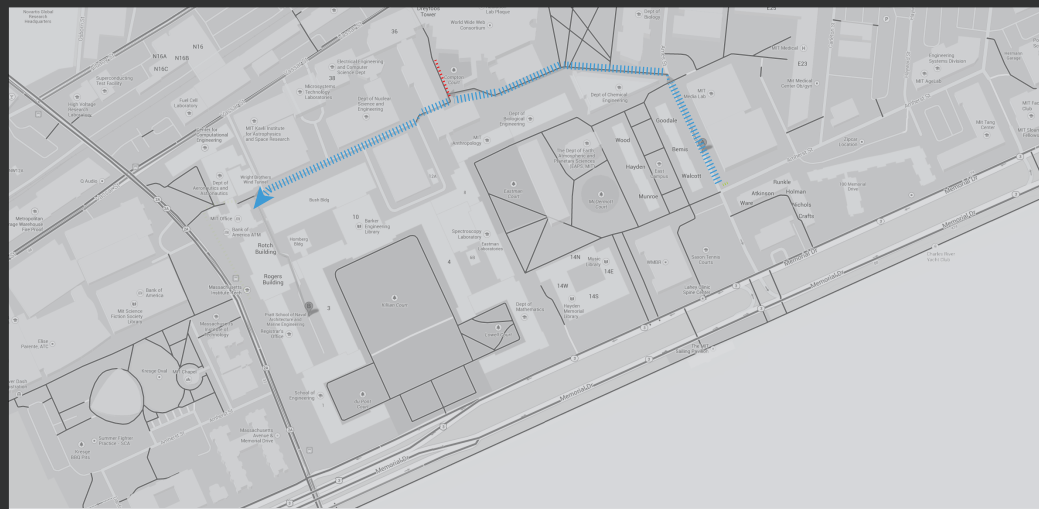
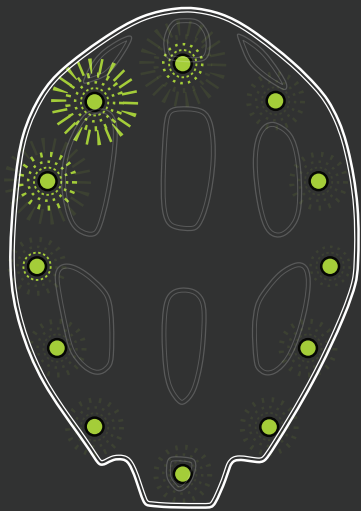
In glabrous (hairless) skin, there are four principal types of mechanoreceptors, each shaped according to its function. The tactile corpuscles respond to light touch, and adapt rapidly to changes in texture (vibrations around 50 Hz). The bulbous corpuscles detect tension deep in the skin and fascia. The Merkel nerve endings detect sustained pressure. The lamellar corpuscles in the skin and fascia detect rapid vibrations (of about 200–300 Hz).



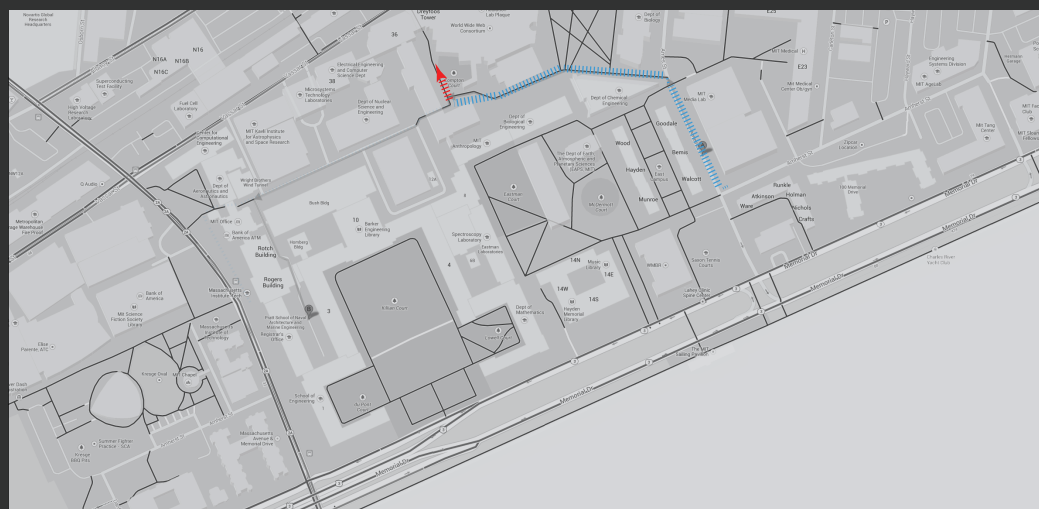
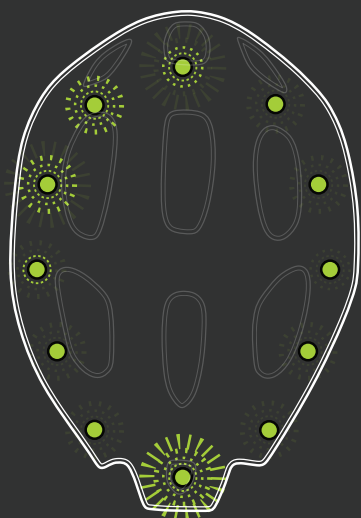
ray gun not included



SLIGHT RIGHT



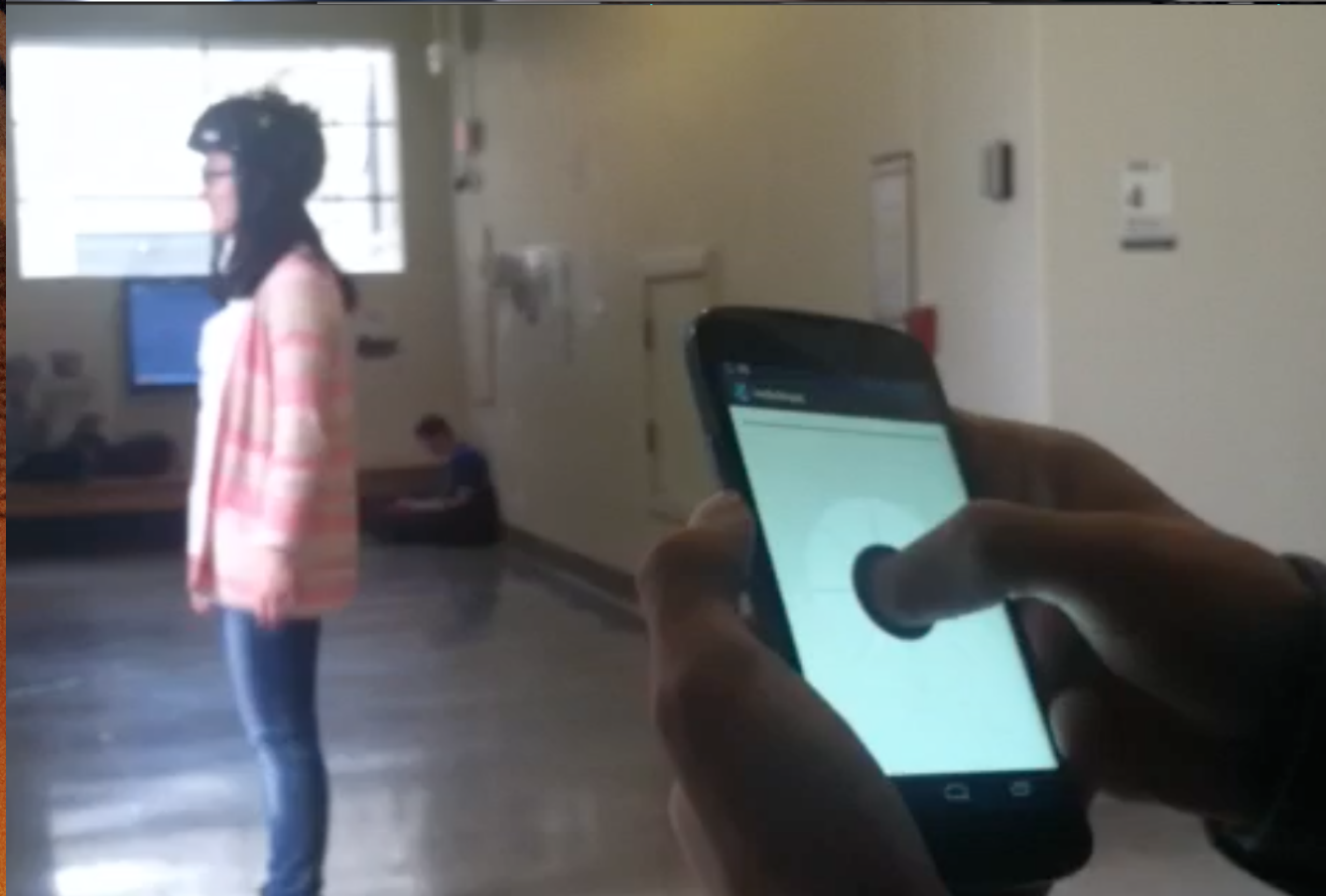
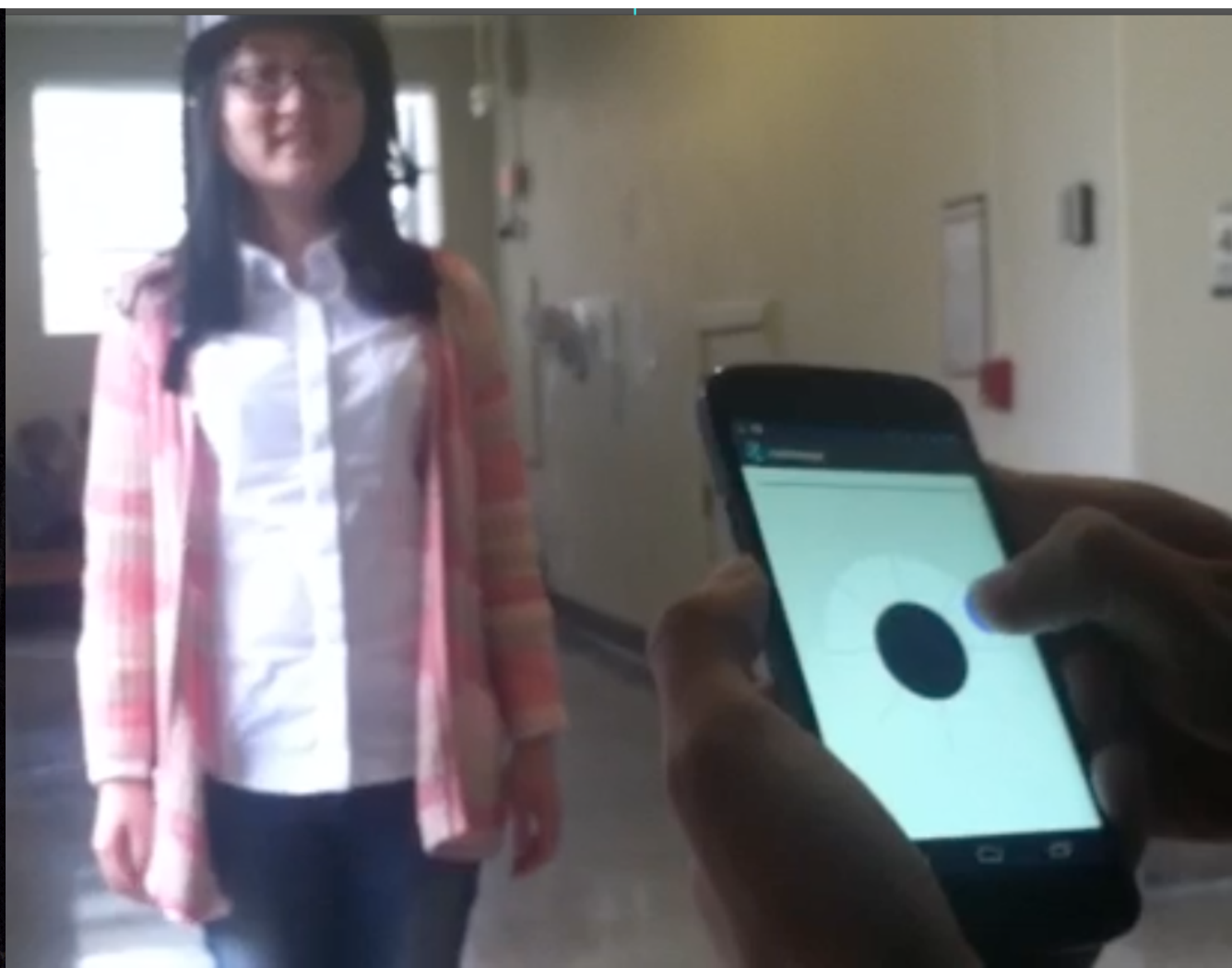
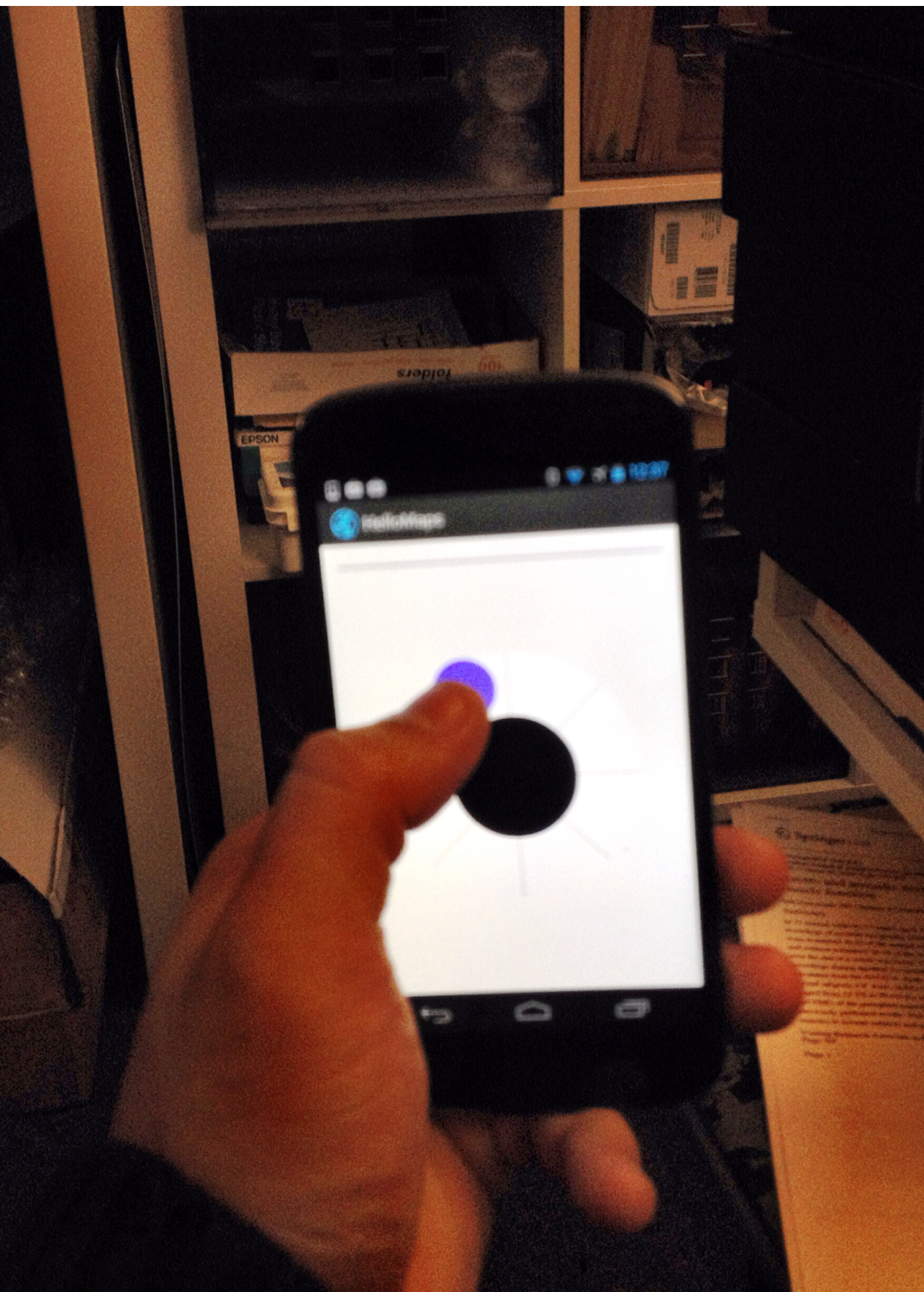
SLIGHT LEFT

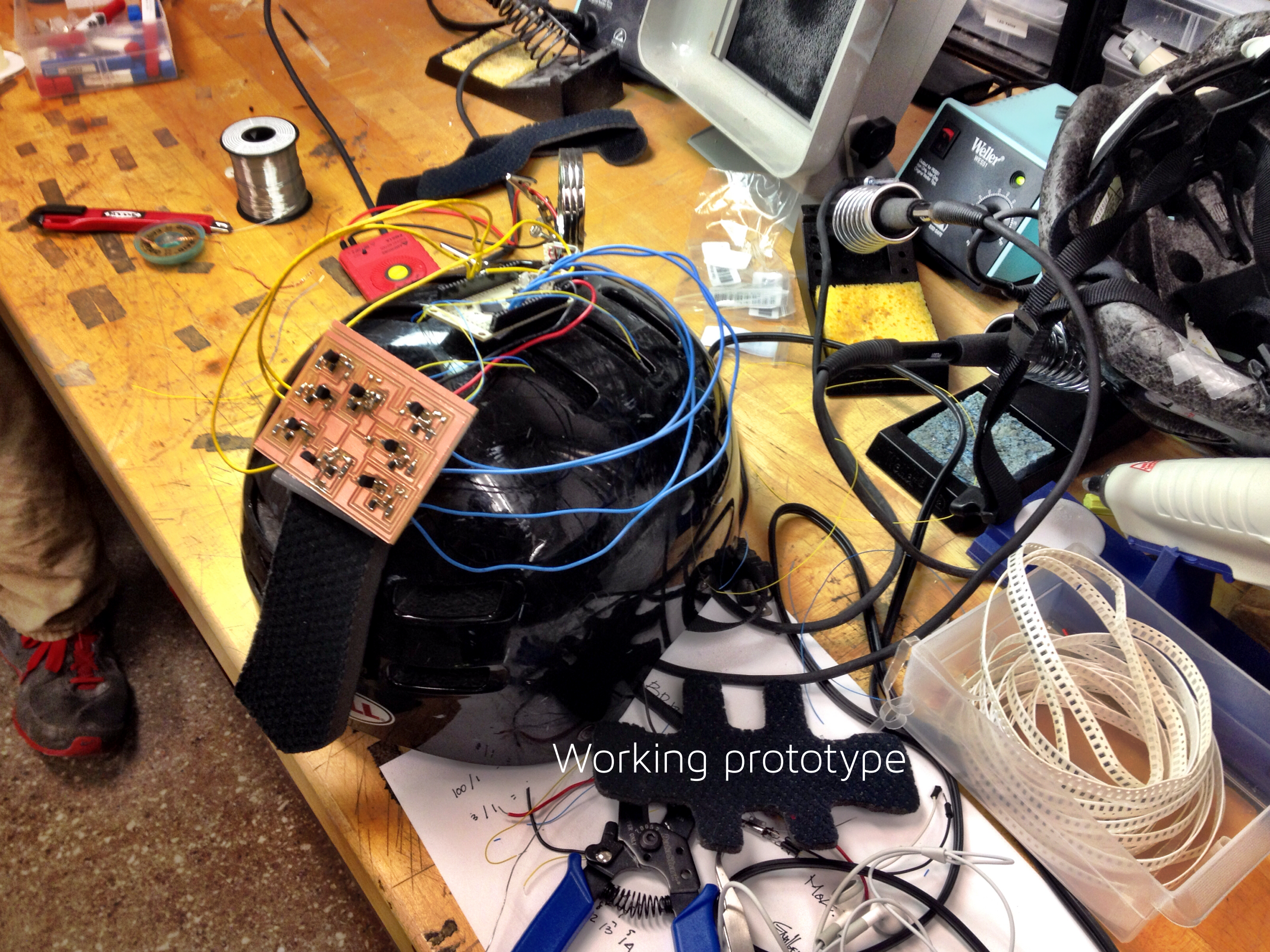


U - TURN



EACH ROUTE CAN ALSO BE LOGGED INTO THE HELMET, AND TRANSFERRED BACK TO YOUR SMARTPHONE AND SAVED AS A REGULAR DESTINATION. THESE DESTINATIONS COULD ALSO BE SHARED WITH OTHER CYCLISTS, THAT WAY EVERYONE KNOWS HOW TO GET TO THE SAME DESTINATION FROM DIFFERENT LOCATIONS, CREATING A COMMUNITY AND SOCIAL PLATFORM BETWEEN CYCLISTS TO ENHANCE SAFETY AND COMMUNICATION.





Working prototype

100/1
3/11 =

2 13 14

Max
Galle