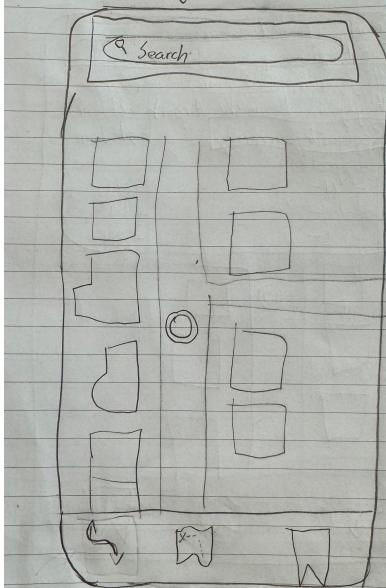




# Greining og hönnun hugbúnaðar Problem Solving Assignment 6

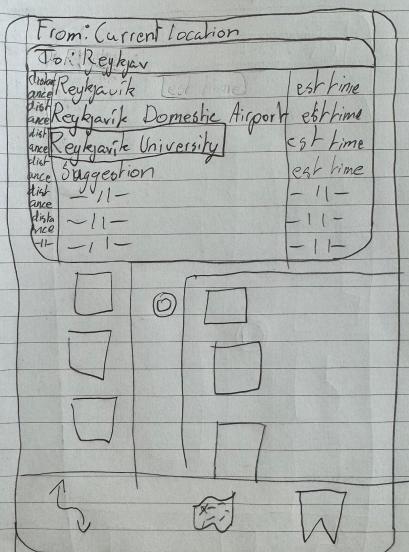
## Happy Path from project 4

① Front page



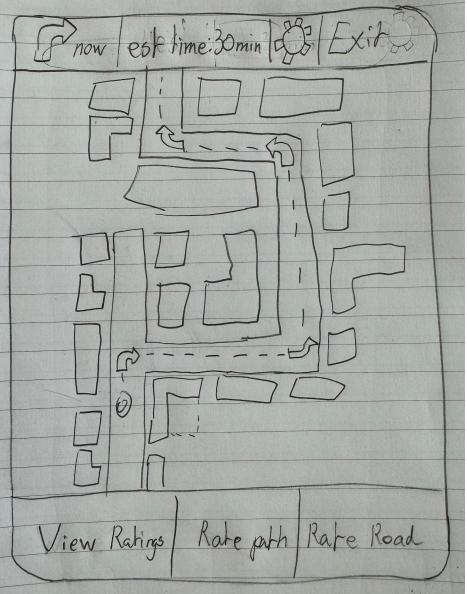
The user presses the search button

② Search



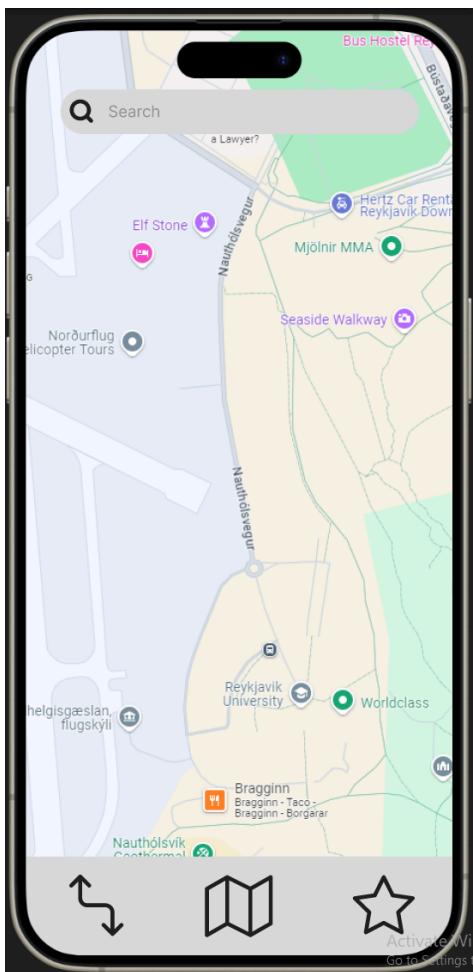
User selects desired location

③ Route



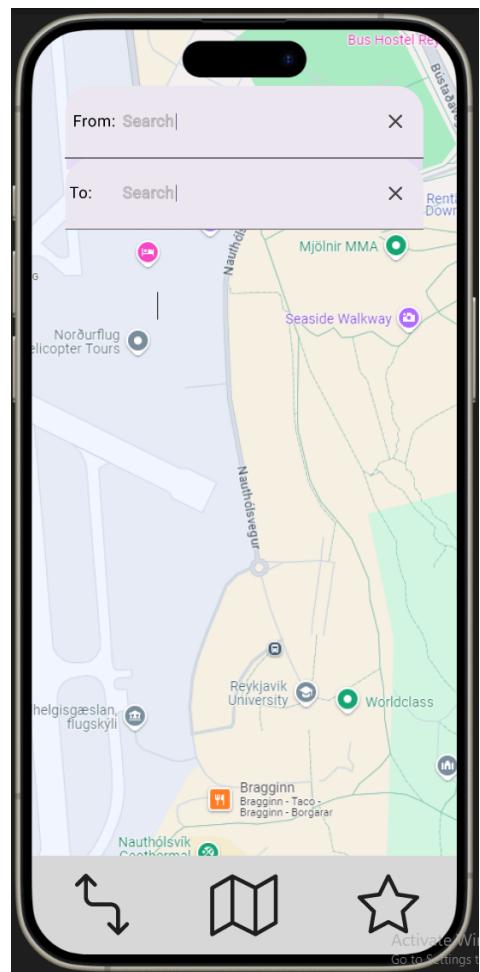
# My Design

Mynd 1



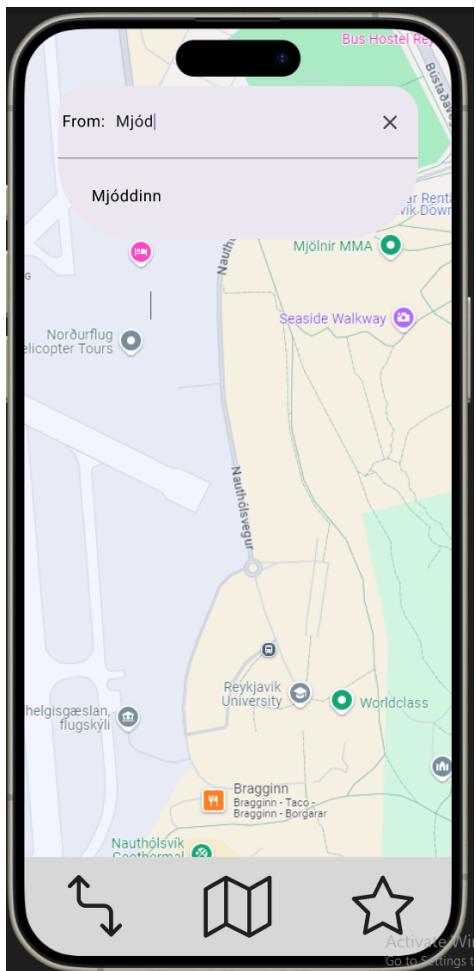
Press The search bar

Mynd 2



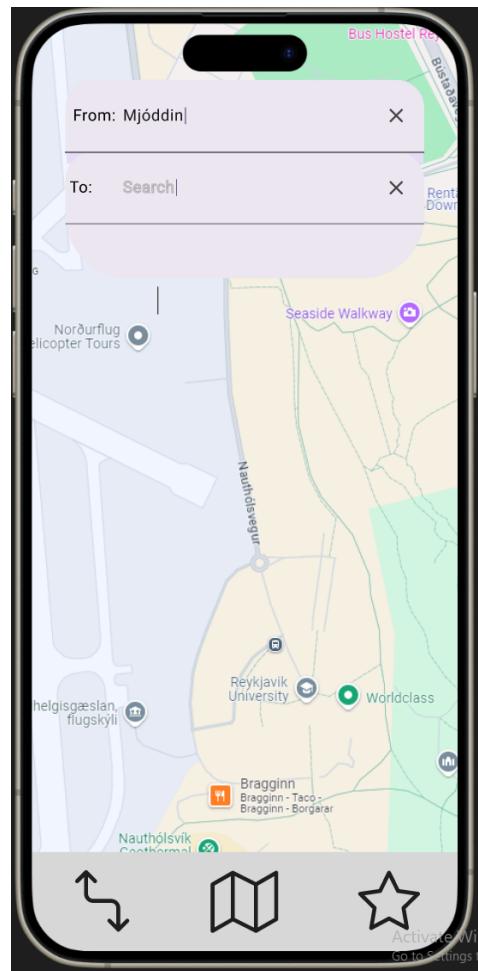
Press search and insert the start location

## Mynd 3



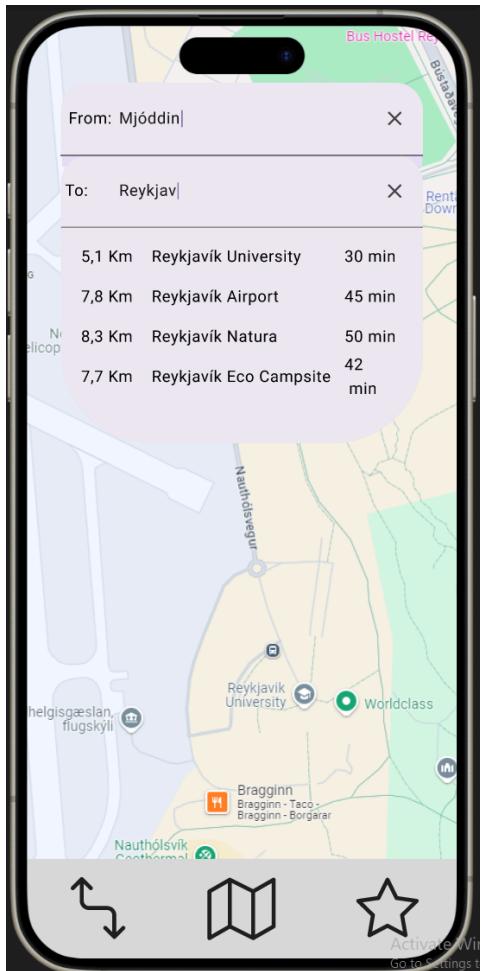
A pop-up will appear and where you can autofill your location

## Mynd 4

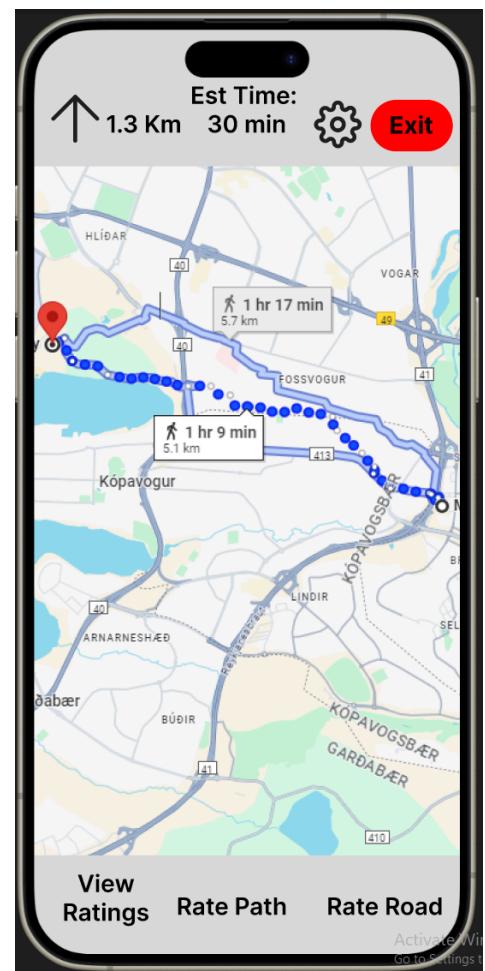


Press the to: form to search in that tab

## Mynd 5



## Mynd 6



A pop-up will appear and where you can autofill your destination

Here you can see your route

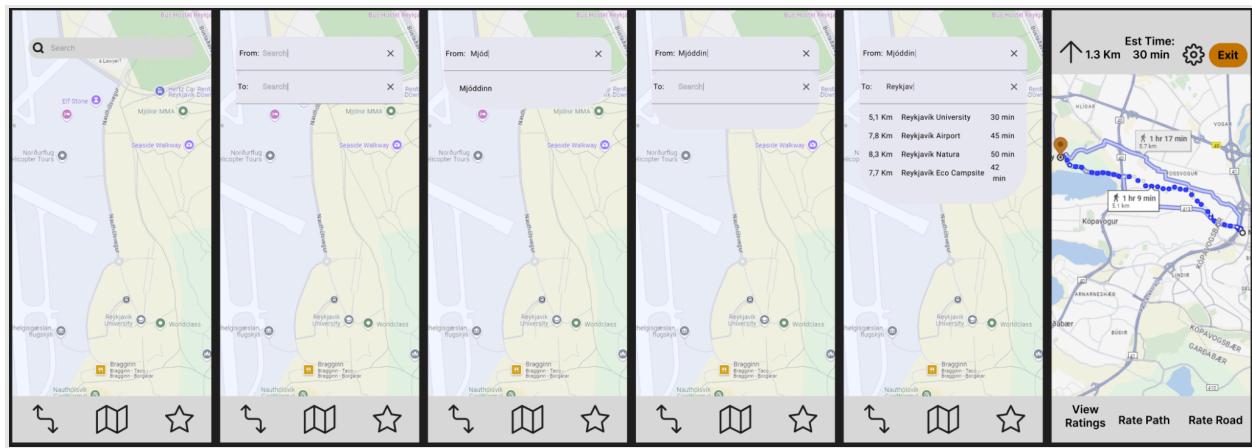
# Design features

This design is in the form of an app on the phone. The logos are simple to minimize the colors that can be mixed when people are colorblind. I decided on a grey background and black letters to keep it simple and tough for colorblindness to get in the way. The logo design could be better, they don't convey the button's purpose precisely enough. The map was from *Google Maps*, They've already designed the colors on their screen to adjust for colorblindness. But in future assignments, I look forward to designing my own map.

## Colorblind visualization

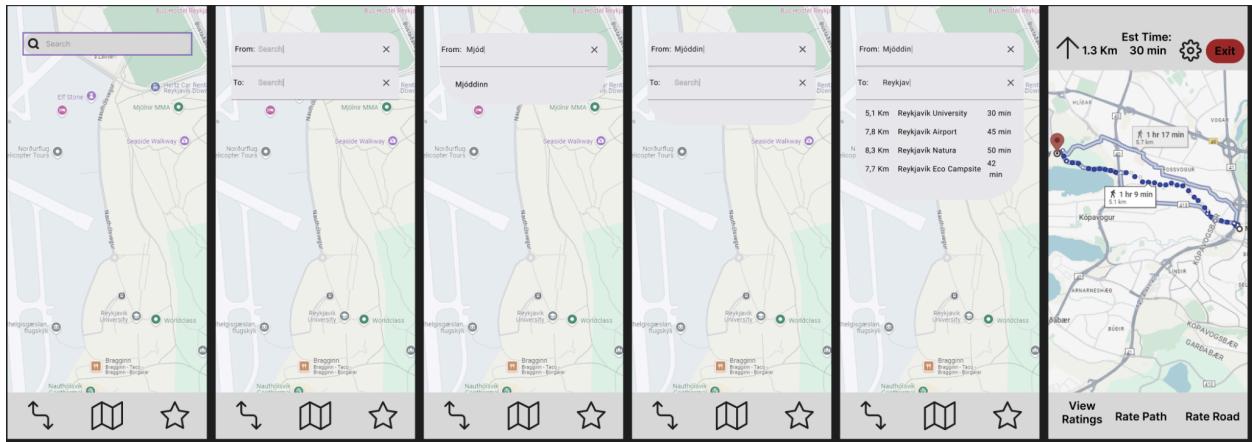
The extension provided in the assignment description did not work. Therefore, the extension I ended on was *Colorblindly*. Here are how different colorblindness affects the visuals. They only had the option for Green Weak Deuteranomaly, so I decided to make the design have as little interference to their weak spots in color recognition by designing them with the filter on. The objective was not to make it appealing but to make sure that everything was clear and no colors mixed.

### Green-Weak / Deuteranomaly

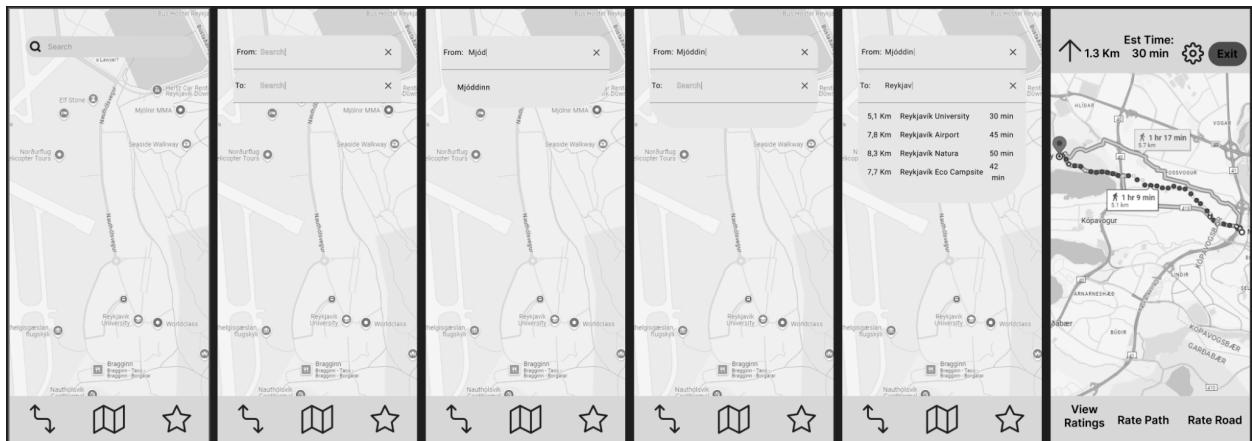


# More colorblindness effects offered

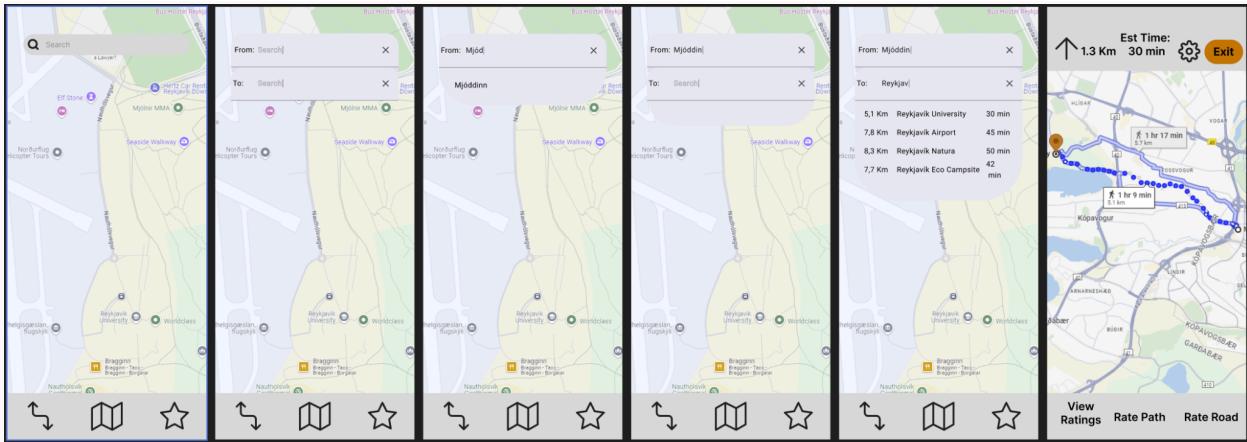
## Blue Cone Monochromacy / Achromatomaly



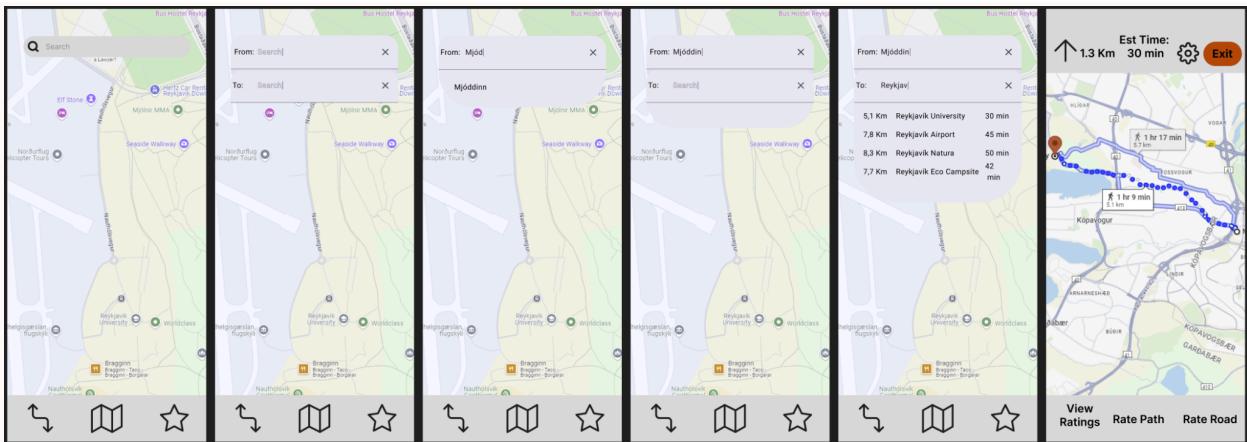
## Monochromacy / Achromatopsia



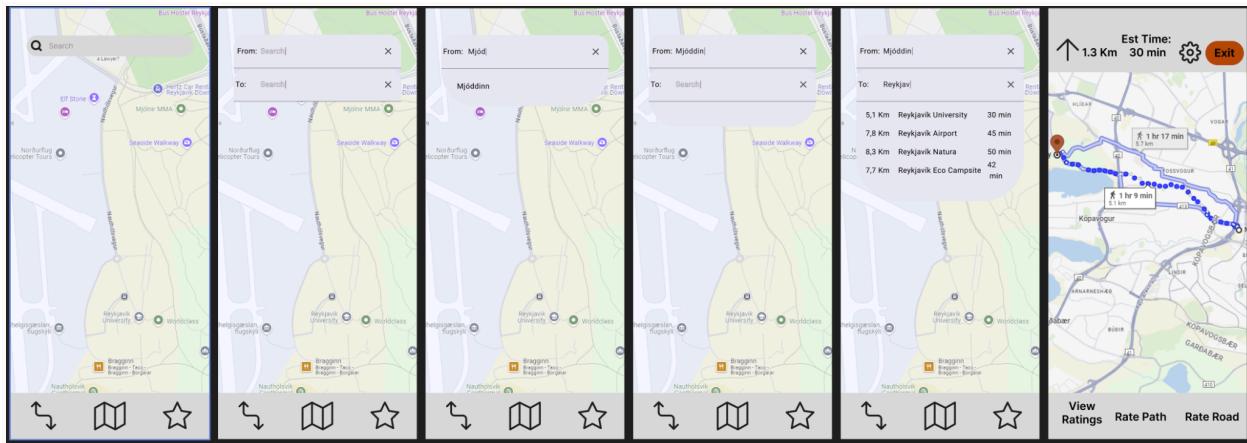
## Green-Blind / Deutanopia



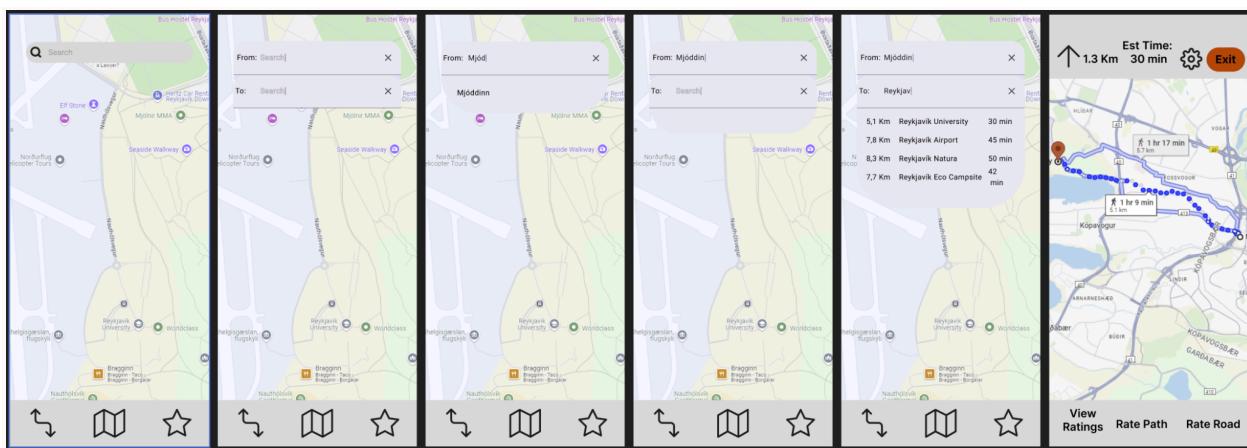
## Red-Weak / Protanomaly



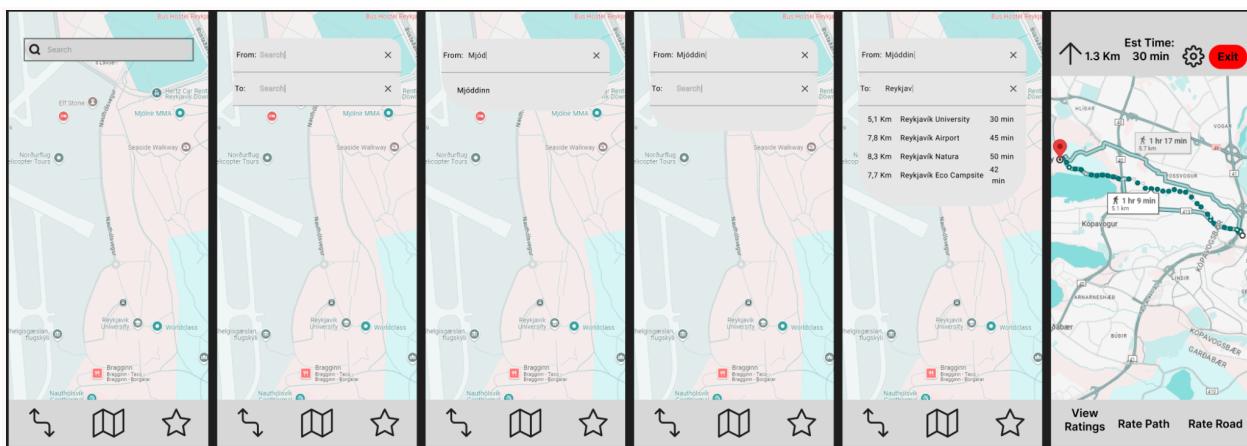
## Red-Blind / Protanopia



## Blue-Weak / Tritanomaly



## Blue-Blind / Tritanopia



Colorblindly