



You have 48 hours to work on this assignment.

1. **Feature Proposal (25%)**

Identify a feature you believe should be included as we build our product. How would the feature work? In a page or less, spec out the feature and describe how it could be implemented (at a high level). You do not have to write any code.

2. **Web Application (75%)**

At some point in the future, we may decide to partner with local real estate agencies. We would want to prioritize agencies closest to our users. Build a simple React app that accepts two addresses as input and outputs a list of real estate agencies within 10 miles of either address. The list of agencies should be sorted, in ascending order, by the total (sum) distance between each agency and the two addresses. You may find it helpful to use the Google Maps & Google Places APIs. You may limit the scope of your solution to Austin, TX.

Please deploy your app (there are many free options available: Heroku, AWS, etc.), and provide the source code.