

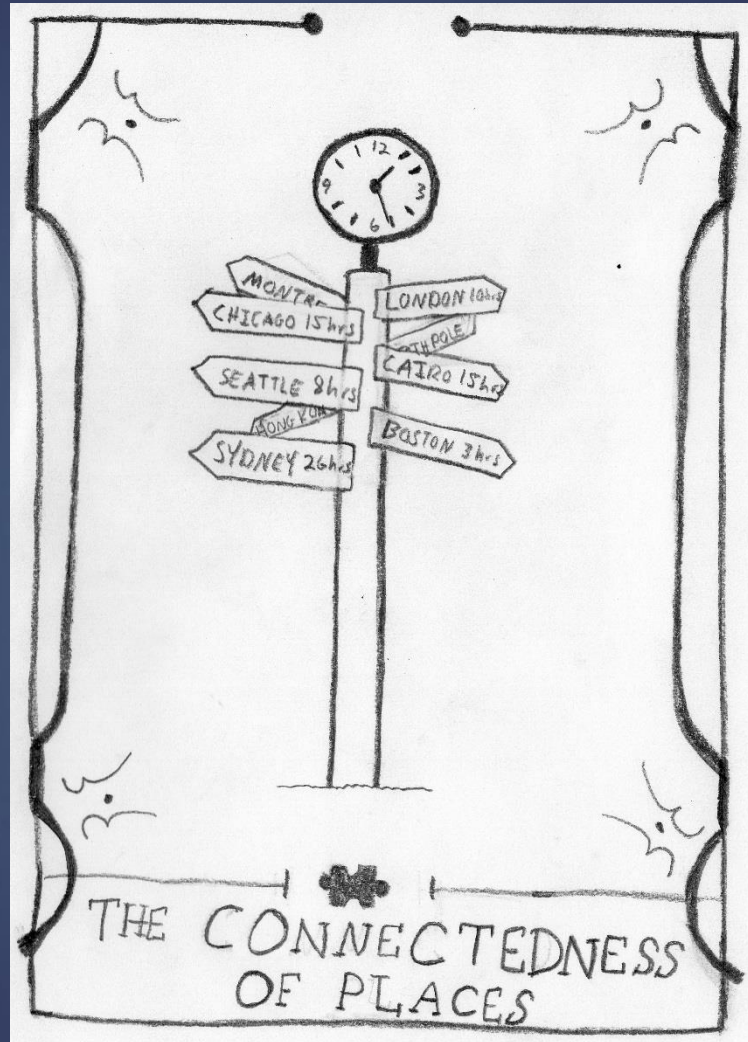


CSYS/MATH 300: PoCS Term Project

The Connectedness of Places

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FALL 2015

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Project Idea

- ▶ Traditional mapping: Point A to point B spans X distance
- ▶ Real-word practice: 'Oh yeah, XYZville is half an hour away.'
- ▶ Project goal: Describe travel in terms of time → Connectedness!
- ▶ Connectedness: ability to reach more places in X amount of time.

Project Plan

- ▶ Use Google Maps Distance Matrix data to map travel times between ZIP codes or postcodes
- ▶ Repeat for various modes of transport
 - ▶ Car, bicycle, on foot, metro, bus, ferry, etc.
- ▶ Hopping on a train, plane, ferry, etc. usually allows greater mobility
- ▶ Map locations reached vs. time and compare
 - ▶ Index of Connectedness?
- ▶ Test bed: Vermont and New York City

