

A low-angle, upward-looking photograph of a modern building with a glass and metal facade. The sun is visible through the glass, creating a bright, hazy effect. The building's structure is composed of various geometric shapes and lines, creating a complex pattern.

Connected Mobility Ecosystem Explorer – Concept and Agile Development

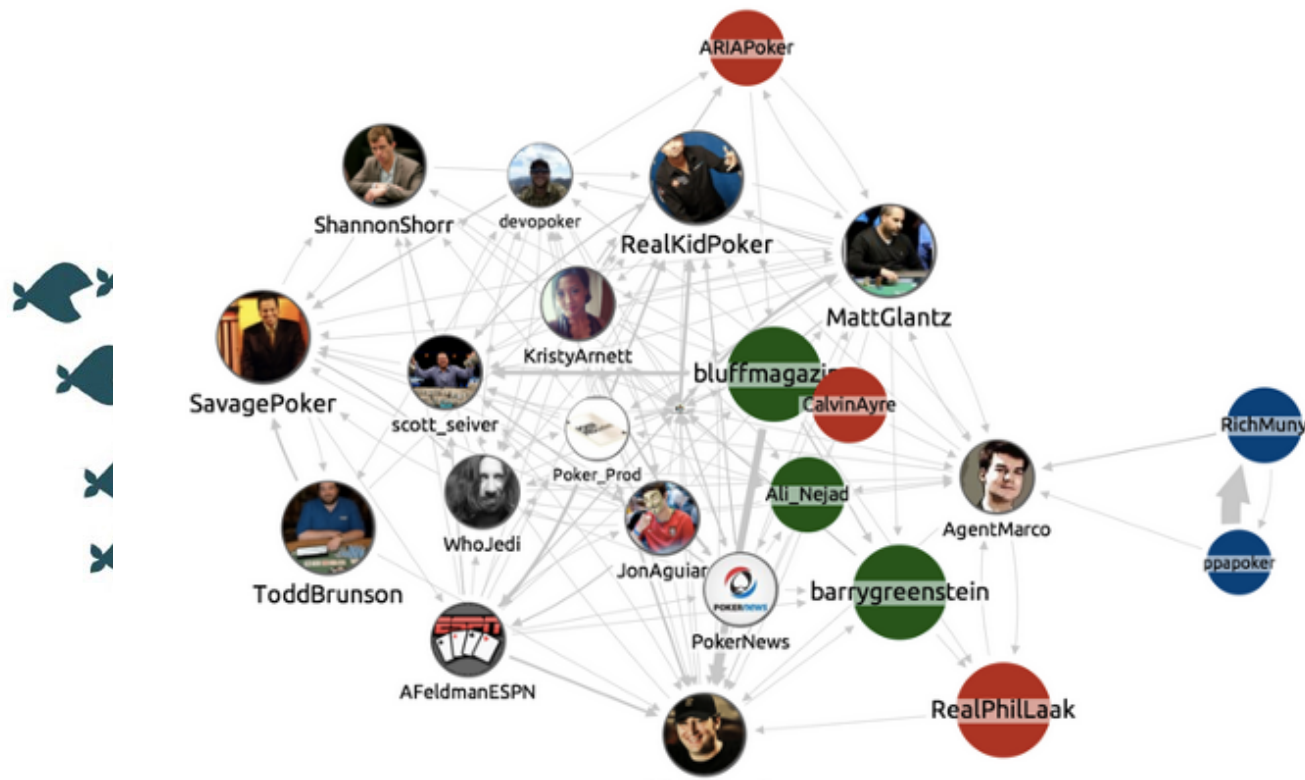
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- 1. Motivation**
- 2. Research Questions**
- 3. Approach**
- 4. Timeline**

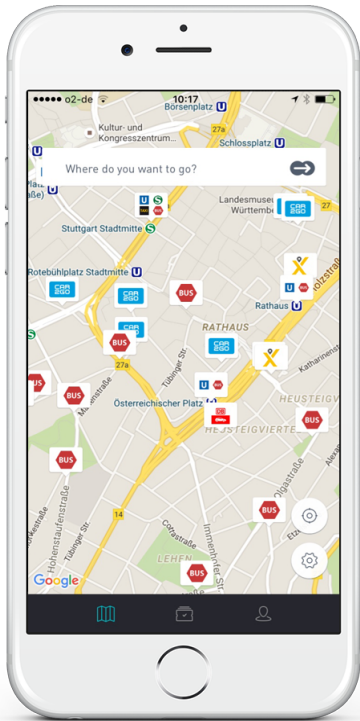
1. “Individually, we are one drop. Together, we are an ocean.” - Ryunosuke Satoro
2. Visualize information
3. Connect people (companies / projects)



<http://previews.123rf.com/images/mattiamarty/mattiamarty1307/mattiamarty130700012/21573167-Big-fish-eat-small-fish-Stock-Vector.jpg>

<http://d13uzbpx4vxmou.cloudfront.net/wp-content/uploads/2013/11/poker-network.png>

- Connected Mobility
- Ecosystem
- Explorer
- Concept and Agile Development



<https://www.moovel.com/content/1-home/newsletter-phone-moovel-app-en.jpg>

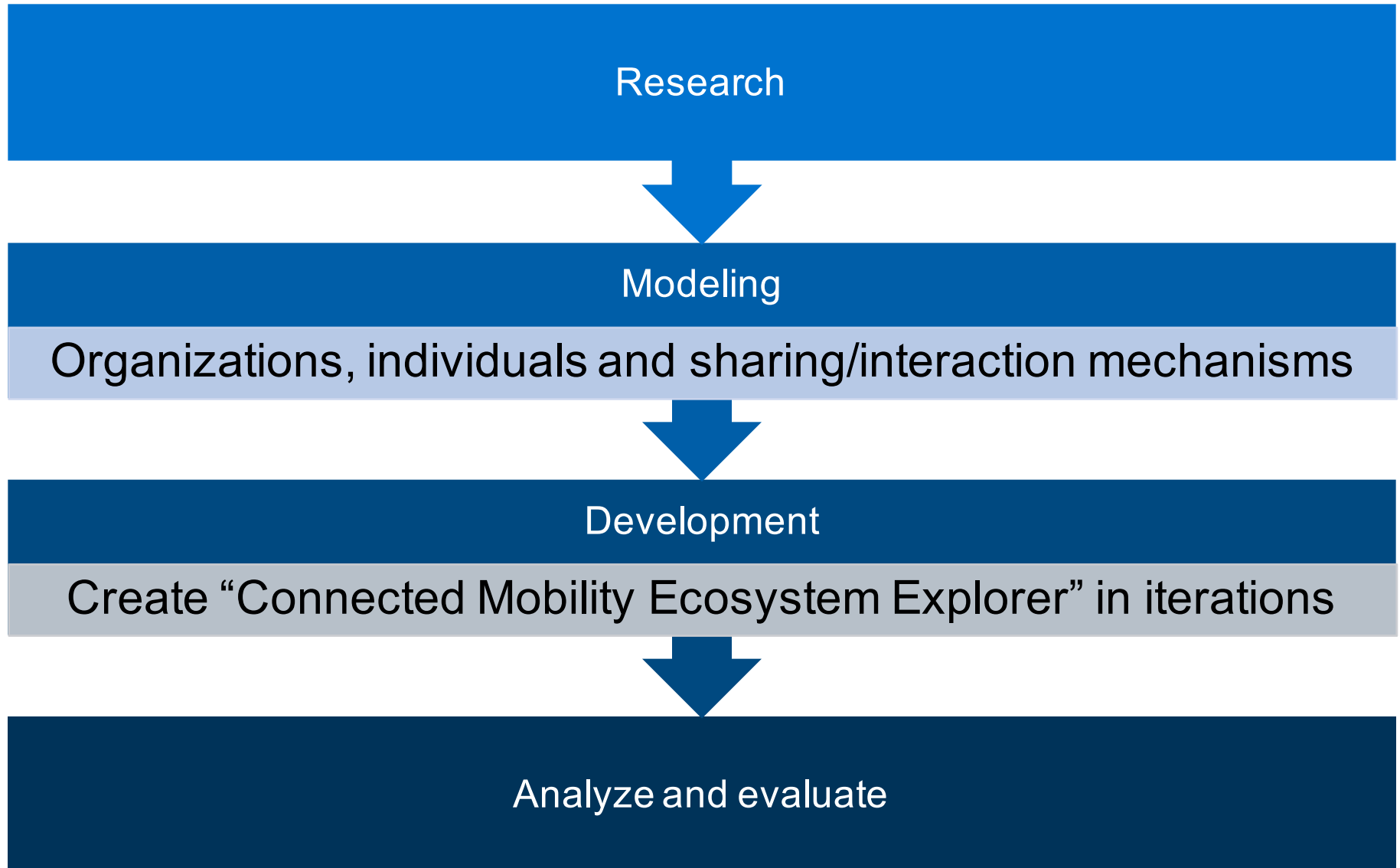
https://commons.wikimedia.org/wiki/File:Internet_Explorer_4_and_5_logo.svg

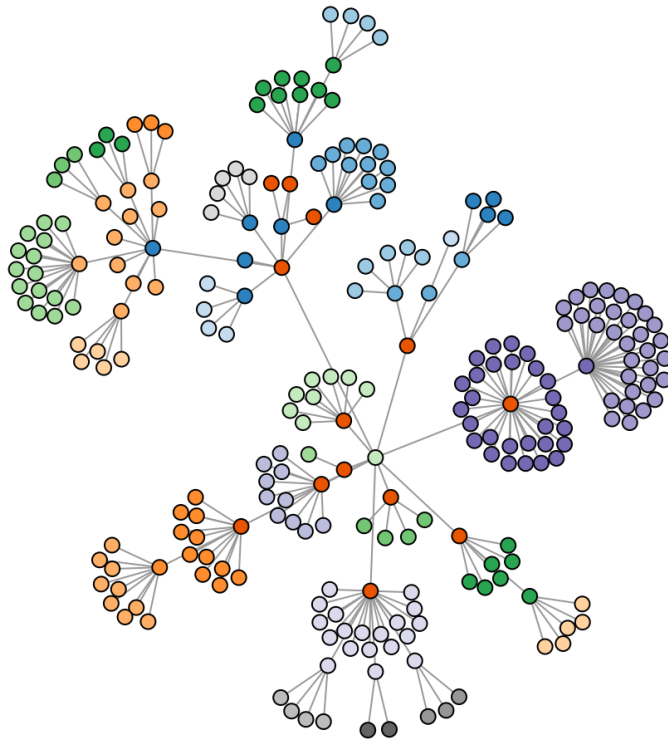
Our goal is to **visualize** members of the **connected mobility ecosystem** and their connections. We inform and enable innovators to connect and collaborate, by providing information.

1. **Motivation**
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1. What methods can be used to visualize a graph network?
2. How can groupings be visualized in a graph network?
3. What user-friendly ways exist to interact with graph networks?
4. How can an evolving graph be maintained?

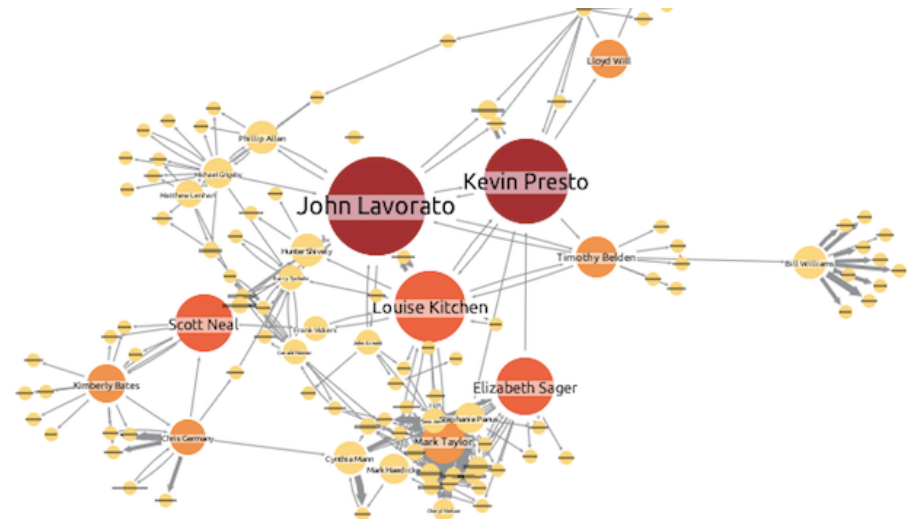
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“Graphical excellence is that which gives to the viewer the greatest number of ideas in the shortest time with the least ink in the smallest space.”

– Edward R. Tufte, *The Visual Display of Quantitative Information* p.51



<http://mbostock.github.io/d3/talk/20110921/force.html>

<http://keylines.com/>

1. Graph Databases

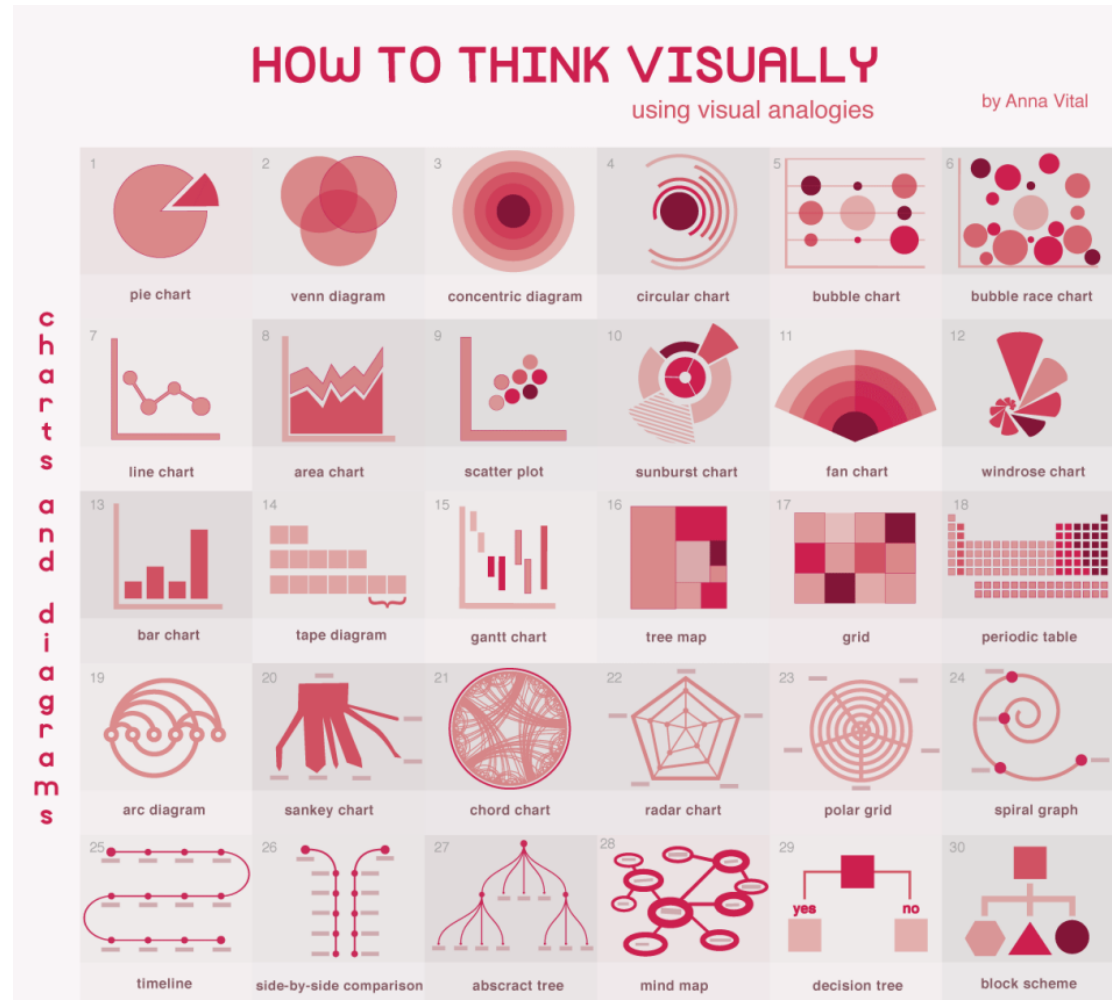
- Neo4J
- OrientDB

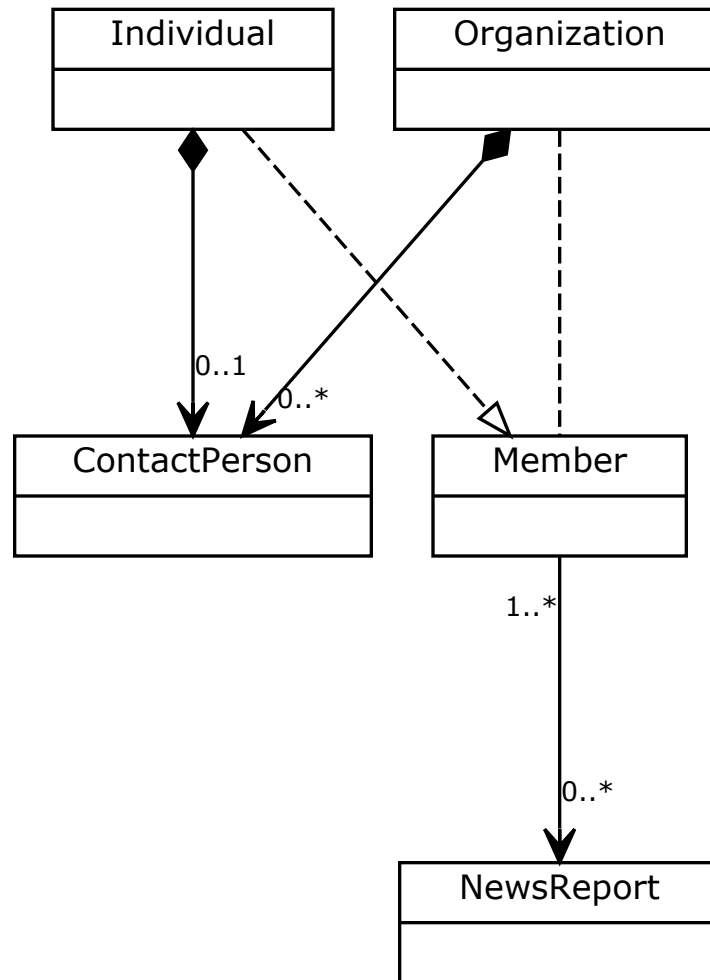
2. Visualizations

- Keylines
- Tableau
- Alchemy
- D3
- Declarative:
 - Angular + SVG

3. Data Entry

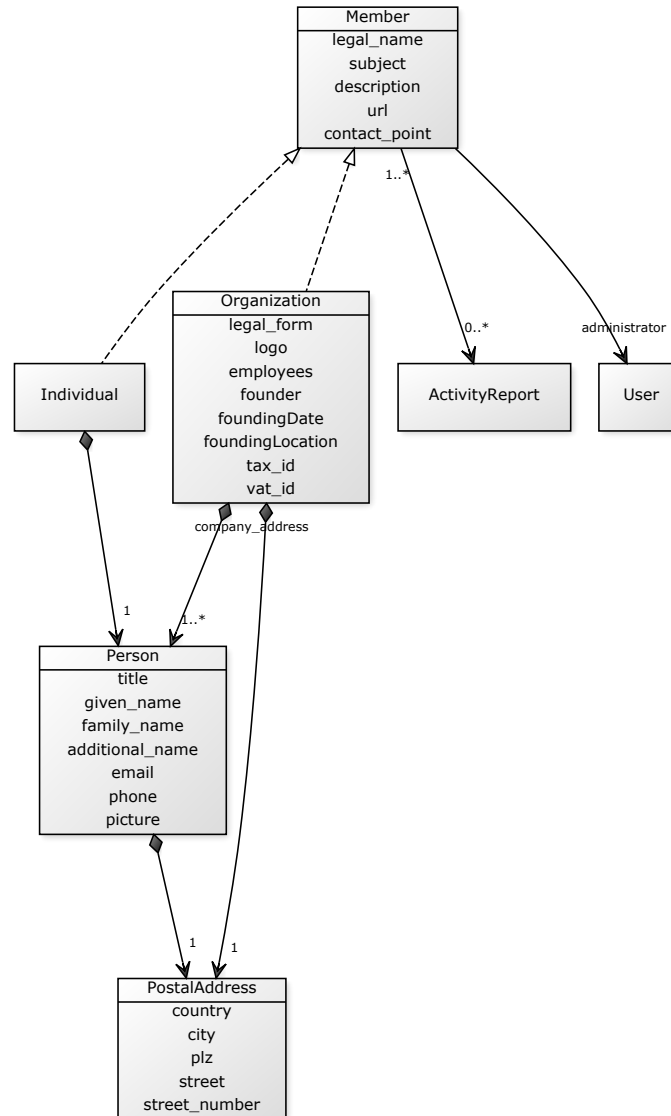
- SocioCortex

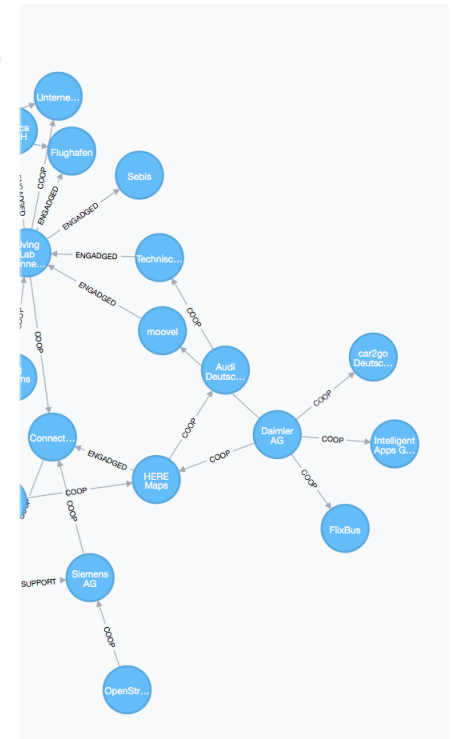
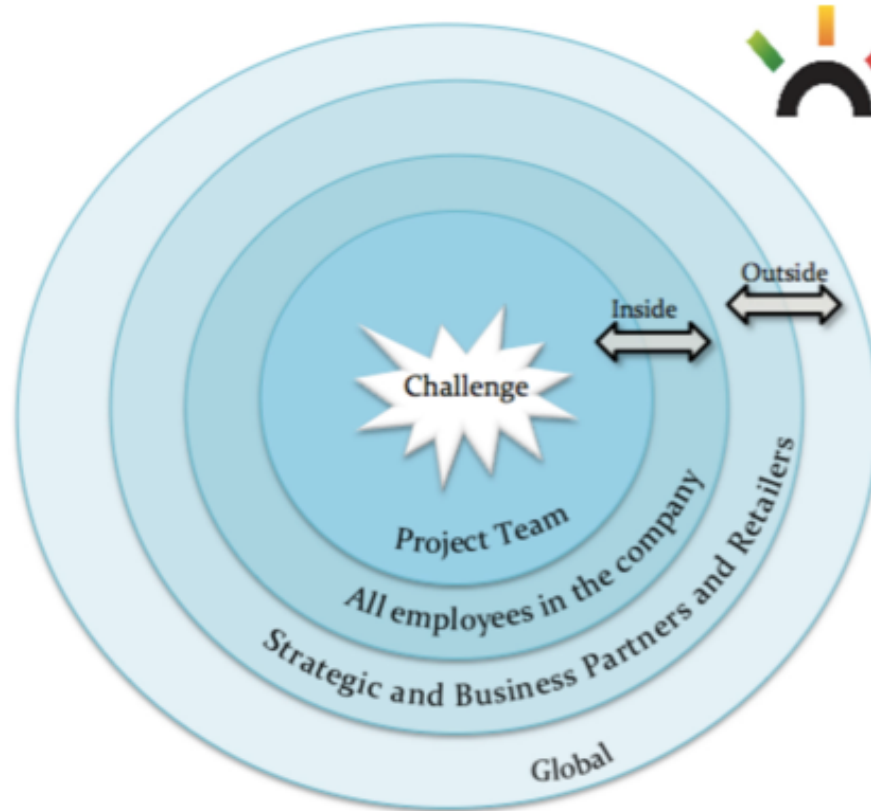
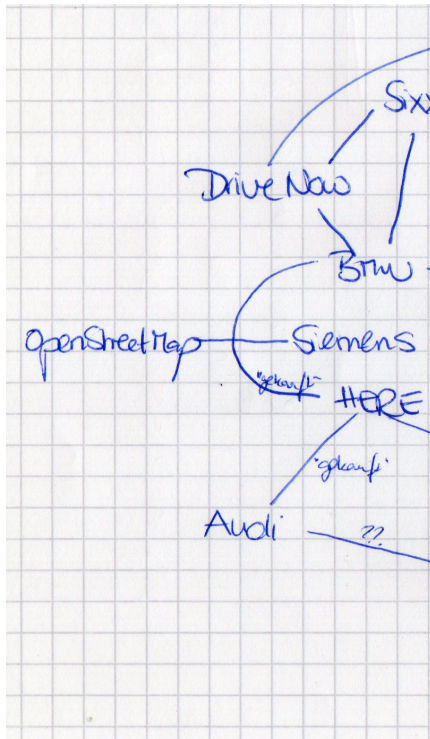






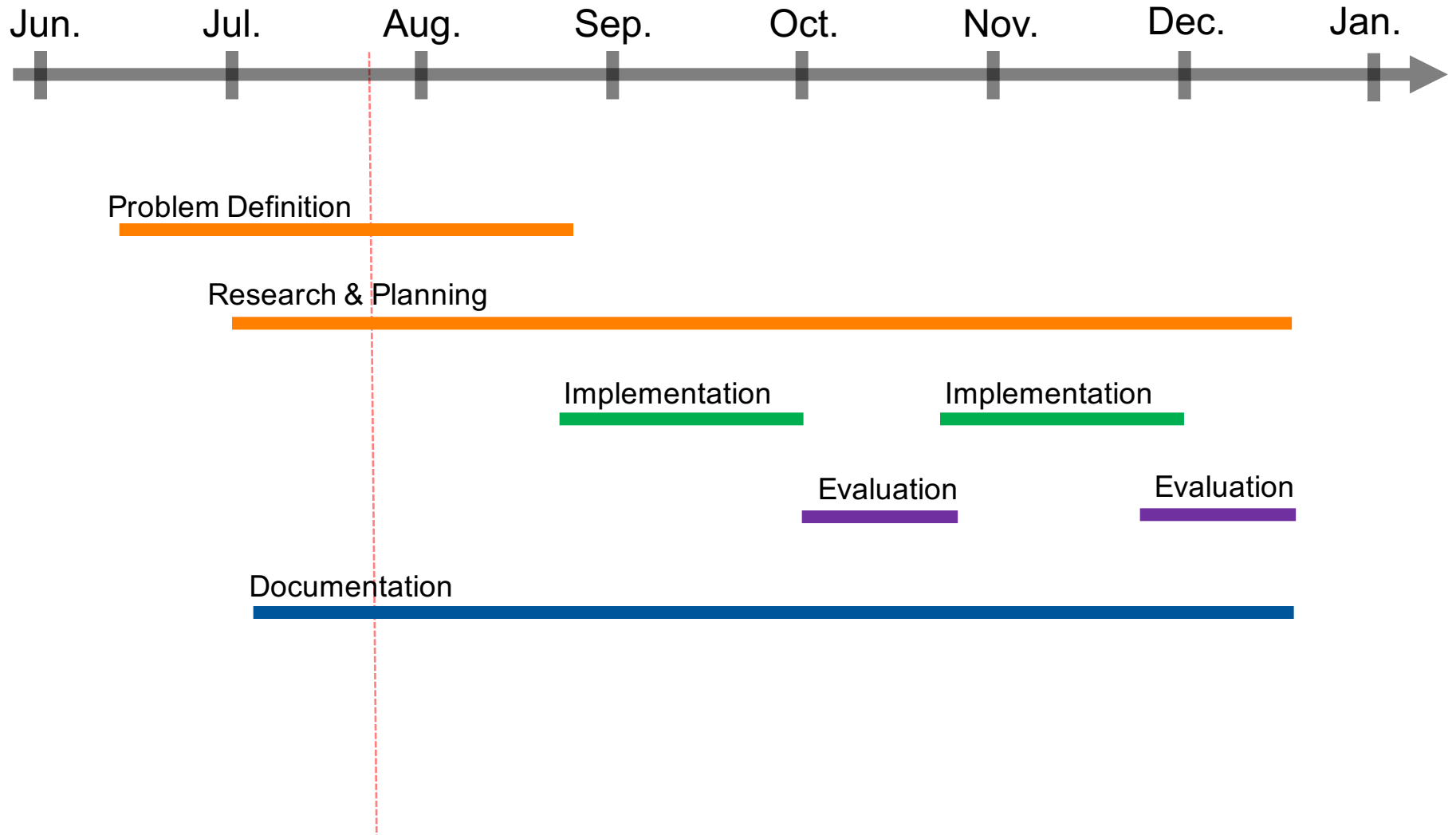
1. Graph (of members)
 1. Accessible
 2. Accurate, precise, correct
 3. Effective
 4. Maintainable
 5. More...?
2. News (associated with member[s])
3. Search
4. Contact
5. ... (in later Iterations)





THE BE-NOVATIVE APPROACH

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Thank you



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