**CSE512 Final Project Progress Report**

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**Literature Review.**A background survey of related work and a full list of references.

[1]  S. Ainsworth and A. T. Loizou. The effects of self-explaining when learning with text or diagrams. Cognitive Science, 27(4):669–681, 2003.

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[14]  J. Hullman,  E. Adar,  and P. Shah.   Benefitting infovis with visual difficulties. Visualization and Computer Graphics, IEEE Transactions on,17(12):2213–2222, 2011.

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[17]  J. Keenan and S. D. Baillet.  Memory for personally and socially significant events. Attention and performance, 8:651–669, 1980.

[18]  M. W. Kreuter, D. W. Farrell, L. R. Olevitch, and L. K. Brennan. Tailoring health messages: Customizing communication with computer technology. Routledge, 2013.

[19]  Z. Liu and J. T. Stasko.  Mental models, visual reasoning and interaction in information visualization: A top-down perspective. Visualization and Computer Graphics, IEEE Transactions on, 16(6):999–1008, 2010

[20] H. M. Natter and D. C. Berry.  Effects of active information processing on the understanding of risk information. Applied Cognitive Psychology,19(1):123–135, 2005.

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**Project Plan.** A list of milestones breaking the project into smaller chunks and a description of what each person in the group will work on.

* Planning of overall project 59 units (x2 = 118 hours, estimate 120 hours available)
* 1 unit is a smaller chunk of work that we defined as equivalent to 2 hours
* Units are in parenthesis
  + Developing Visualization (47)
    - Line Chart (24)
      * **Tick snapping (3)**
      * **Line drawing (2)**
      * **Drawing adjustment (2)**
      * **Visualize actual data (2)**
      * **Visualize aggregated data (2)**
      * Feedback visualization (7)
      * Animate Actual data (1)
      * Animate Aggregated data (2)
    - Bar Chart (20)
      * **Integrate code (2)**
      * **Visualize actual data (1)**
      * Visualize aggregated data (7)
      * Feedback visualization (7)
      * Animate actual data (1)
      * Animate aggregate data (2)
    - Walkthrough interface (3)
  + Write up (9)
    - Intro (2)
    - Methods (2)
    - Discussion (4)
    - Future Work (1)
  + Poster (3)

Currently, **Ian** is working on the tick snapping, line drawing and drawing adjustment part. **Lavi** is working on visualizing actual data and aggregated data. **Yea-Seul** is working on integrating code and visualizing actual data for the bar chart. Basically, we are dividing work evenly, and we will touch base on it again next Monday to schedule how next to assign tasks.