

Product Selection within a Social Network

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Class: graph.CapGraph

Purpose and description: This class represent graph of social network. It holds vertex and edges. Also contain other method. Refer to application implementation documentation for any information.

Class: graph.Vertex

Purpose and description: this class represent vertex in graph. Refer to application implementation documentation for any information.

Class: graph.Edge

Purpose and description: this class represent edge in graph. Refer to application implementation documentation for any information.

Class: social.BarCart

Purpose and description: this class represent visualization of simulation to present to user for better understanding of algorithm.

Class: util.GraphLoader

Purpose and description: this class load data from given file. It also set up initialization of simulation.

Class: social.MainApp

Purpose and description: This is main class of application. There app is executed.

Overall design:

This application have a three packages. One contains all graph classes. Second contains utility tools which are responsible for data process and set up. Last package contains main application class and initialise whole process. This application accept .txt files. Design is simple and clear.