**Assignment B**

**Application selected:** Robinhood

Application interface:

Graphical user interface, application

Description automatically generated

1. Describe which of the datatypes and techniques listed in box 16.2 of the textbook are present
   * Temporal and similar to the visualization technique used by Google Finance.
2. State which of the twelve tasks types in box 16.1 are supported and how
   * Visualize task is supported because the application allows to either look purely at price of stock fluctuation or the volume of stocks traded at any time of the current day.
   * Filtering is supported because a user can choose to focus only on data of the last 5 years, the last year, the last 3 months, the last month, the last week, or the last day.
   * Selection task is supported because can search and select what stock to observe.
   * Navigate task is supported because a user can look at the details of how a specific stock performed in any desired period of time, or the user can chose to focus on the performance of his or her portfolio in any desired period of time.
   * Annotation task is supported because the system provides expert comments and expert interpretations of the current stock price and financial situation of the company.
   * Share task is supported because the application allows to share stock listings, so more easily a group of investors can invest in the same company.
   * Guide task is supported because the application provides the latest news from all financially relevant sources about the stock someone is visiting.
   * Sort task is supported because the interface permits to access lists of stocks and sort the listed stocks by value, market capitalization, etc.
3. For one of the unsupported task types, propose a way to extend the system to include the unsupported task.
   * Coordinate task could be supported if the interface provided for split screen either in two or four ways so users could compare performance and data of multiple stocks.