**CS 360 Module Two Assignment**

I chose the Yahoo Finance app for analysis because financial information is one of the most crucial resources people use, practically second only to a weather app. Personally, I believe the app excels in displaying information intuitively, as I use it on a near daily basis. Furthermore, Yahoo Finance ensures that users can easily navigate and utilize financial data to make informed financial decisions. By providing real-time financial data, watchlists, and news updates it has improved my ability to navigate financial information in a streamlined and efficient manner.

When it comes to the main features of the Yahoo Finance app, its main purpose is to act as a real-time resource for investors or finance professionals. These individuals are most likely to rely on the app for current market news, stock quotes, and financial analysis. The app is responsible for helping users stay informed about their investment decisions through data around financial markets.

There are four major key screens that Yahoo Finance has, which includes the Home screen, the News screen, the Discover screen, and the Account section. The Home screen contains all the financial information related to the top trending stocks and indices, as well as any personalized lists the user may have customized. The News screen contains all the recent news articles from various web resources for trending media related to economic and political data. The Discover screen is where the user can search for a specific fiat, be it trending equities, cryptocurrencies, ETFs, or Mutual Funds. This screen is also where the user can search for individual stocks and can then add them to a personalized list. The Account screen allows the user to manage and interact with any custom price alerts or reminders, as well as manage any notifications and settings.

The data in the app is included in the Home, News, and Discover screen. The Home screen displays real-time data for major stock indices like the NASDAQ, Dow Jones, and the S&P 500. The News screen displays recent articles from various news sources like the New York Times, Bloomberg, CNN, and Yahoo Finance. The Discover screen displays data related to what the Yahoo Finance app thinks the user will like, such as similar stocks to ones they’ve added to a list. As well as Most Active stocks, the Daily Gainers & Losers, and other trending stocks.

The app’s data sources originate from financial exchanges, third-party providers, and news agencies, which in tandem help to deliver real-time stock quotes, market data, and financial news. The Home screen component displays the top stock indices usually indicated in financial news like the NASDAQ, Dow Jones, and the S&P 500, but also displays any personalized lists a user may have created. The News component displays recent articles pulled from various news sources as mentioned previously. The Discover component can display top trending stocks, but it also accepts user input, so that a user can search efficiently for a specific stock he/she may be interested in.

Most data that users interact with helps them reach their financial goals by providing real-time stock quotes, personalized watchlists, financial news, and historical data with interactive charts. This data keeps users informed about the companies they follow and the economic and political climate. Typically, stock price information is displayed as a continuously changing price and line chart, that helps users determine stock price trends. Overall, the Yahoo Finance app presents data efficiently and intuitively, aiding users in achieving their financial goals.

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