# Stock-Rollers

**Team Roster**

- Andrew Patten – Project lead and server-side developer.
- Quentin Dye – Server-side main developer and android client-side developer**.**
- Khasiano Webb – UI developer.

**Project introduction and description**

- The Stock-Rollers app will help users pick out stocks from desired industries.
  Users will be able to choose what industry they want a stock from and then specify a price range. After the user is finished selecting parameters, Stock-Rollers will display stocks within the specified price range that have also risen 5% within the last 30 days. The user will then be able to pick from the displayed stocks or let the random number generator pick their stock for them. The user will be able to either reject or accept the randomly generated stock.
- The previously selected stocks will all be displayed as favorites on the user's home page along with a link to graph data for each stock. Stock rollers will not be purchasing the stocks for the user but rather helping the user in choosing the stocks. All users will have the ability to follow other users that have their profile set to public and see their stock selections. Users will be able to view which users are following a specific stock.
  In general our app is built to connect new and old investors.

**Intended users**

- Investors - A user that is interested in investing and tracking specific selected stocks by specifying the price range, and industry. Also, being able to view previous and outlook on any specific stock. They will be able to follow users, and have a following who looks to them for good outlook on stock investments.

- New Investor - A user that is interested in learning about stock information, will be able to follow other users who have already previously invested. This will allow them to see the outlook of their investment's, by tracking the previous and future prices to decide what is best to invest into.

|  | GitHub | LinkedIn |
|---|---|---|
| Andrew Patten | https://github.com/Andpatten | https://www.linkedin.com/in/andpatten/ |
| Quentin Dye | https://github.com/Quentin-D-NM | https://www.linkedin.com/in/quentindye/ |
| Khasiano Webb | https://github.com/NewbieCoder10 | https://www.linkedin.com/in/khasiano-webb/ |

**Technology Inventory/ Stacks**

| Technology | Room | Spring | Hibernate | Apache Derby |
|---|---|---|---|---|
| Retrofit | Gson | Jackson | SQLite | ReactiveX |
| Okhttp3 | Android | **Services** | Digital Ocean-server hosting | World Trading Data API |