



**DIAGRAM EXPLENATION**

Each component is represented by a box, and their interactions are depicted using arrows.

The User Interface interacts with the Controller to handle user inputs and display graphs.

The Controller orchestrates the application flow and interacts with the Service Layer to execute business logic.

The Service Layer encapsulates business logic and interacts with the Data Access Layer to fetch and provide data.

The Data Access Layer interacts with external APIs (such as Yahoo Finance) to retrieve real-time share price data and stores persisted data in a database or file system.

The Database/File System stores persisted share price data, which is accessed by the Data Access Layer when needed.