

# Assignment 6

1. Create new branch "assignment6"
2. Create a new Worker Service project : "StockData.Worker"
3. You can create additional class library projects as needed.
4. Create Repository, services, unit of work etc. whatever is needed as we have learnt to do with web projects.
5. Use the package: <https://html-agility-pack.net/>
6. Scrape data from website: [https://www.dse.com.bd/latest\\_share\\_price\\_scroll\\_1.php](https://www.dse.com.bd/latest_share_price_scroll_1.php)
7. At top right corner of the page, there is a status, like: Market Status: **Closed**
8. If status is closed, worker service does not enter data. When status is open then data scraping will be performed.
9. You have to enter the stock price for each company per minute once.
10. You need to have 2 Entities / Tables to store the data.
  - a. Company (Id, TradeCode)
  - b. StockPrice (Id, CompanyId, LastTradingPrice, High, Low, ClosePrice, YesterdayClosePrice, Change, Trade, Value, Volume)
11. Create Migrations for the tables
12. Install the service and collect data for at least 2 days real market data.
13. You must install the worker service, and not run from visual studio.