



DNA project-4

team	26
contributors	Rhythm , Mitansh , Khushi Goyal
Video Demo	https://iiitaphyd-my.sharepoint.com/:v:/g/personal/rhythm_aggarwal_students_iiit_ac_in/EaKtOi29IS9PgG0D-dzGSmUBu7ZqR-VdLwNNd7_8rPFh6g?e=dVS3Qo

Queries Supported By the DBMS

INSERT

- *insert FAVORITES [Company_Name]*
- *insert COMPANIES [Company_Name Founder_ID Sector StockUID DividendYield]*

Note: if the user is admin one more insert query will be supported

- *insert COMPANIES [Company_Name] [Founder ID] [Sector] [stock Unique ID] [Dividend yield]*

DELETE

- *delete FAVORITES [Company_Name]*
- *delete USER*

SEARCH

- *search COMPANIES [starting letter]*

UPDATE

- *update USER [new email-id]*
- *update COMPANY [Prev_Company_Name New_Company_Name]*

- *update DIVIDEND [Company_Name New_Dividend_Yield]*

SELECT

- *select COMPANIES [company-sector]*

AGGREGATE

- *aggregate COMPANIES [company-sector]*

ANALYSIS

- *analysis BOD% [Min.Percentage of stocks held by BOD]*
- *analysis FAVORITES*

GRAPH ANALYSIS

The CLI also supports graph based analysis of a *COMPANY* stock price on a particular date

- *plot COMPANIES [Company Name]*