

COMP 3111 Project

UML Diagram

- Class Diagram (Class name & Association Only)
- Class Diagram (Attributes)
- Class Diagram (With detailed operations)

Use case Diagram

- DataManager & IOManager part
- Data Filtering & Multi-datasets handle
- Charts

Program

- Girhub tutorial
- Modify program design

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.csv File Import Function

- .csv Search Path
- .csv File Chooser Setup
- .csv Get File (Check content) --Null, Empty, One row, without header
- Convert to 2-dimensional ArrayList
- Store into DataColumn
- Store into DataTable
- .csv File Import Function Complete Testing
- .csv File Output Function
- .csv File Output Function Complete Testing
- Custom File Extension Saving
- Custom File Extension Saving Complete Testing
- Custom File Extension Loading
- Custom File Extension Loading Complete
- Main UI Modification (Disallow incompatible object passed as parameter)
- Refactor Program (Improvement)
- Refactor Stage 2

Won Young

- Chart type selection UI development
- Column selection UI development
- Data requirement function
- Prototype of chart class and chart list update
- Save Chart (Use prototype object)
- Chart display screen UI development
- Line Chart implementation
- Bar Chart implementation
- Animated line chart implementation
- Show Chart & Delete Chart
- Refactor Program (Improvement)
- Unit testing and debugging

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- Main UI Design
- Main UI Development and implementation
- Main UI Testing
- Implementing Data Filtering and Transformation UI
- Data Filtering and transformation UI Design
- Connect buttons of Main UI to other task functions
- Design Data Filtering and Transformation UI
- Numeric data filtering function implementation
- Develop text filtering function implementation
- Numeric data filtering function Testing
- Develop text filtering function Testing
- Refactor Program

