

# 15214\_Team 23

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# 1. Domain

**Domain:** Displaying Reviews

**Type 1 Plugin:** Parse local files or extract data from web page

**Type 2 Plugin:** Various visualisation methods.

## 2. Design Decision

Choose **generality** framework, but also **specificity** to some extent.

- a. **Generality** means this framework could be reused in different review displaying.
- b. **Specificity** means the limitation for the input data sources.

## 3. Project Structure

### **BlackBox framework.**

Framework and different plugin implementations in different packages.

In detail, framework and plugin interface in same package, different implementations for plugins in different package.

## 4. Data Structure

**HashTable** and **List**.

## 5. Plugin Interface

### a. Data Plugins

Extract data.

**Methods:** getFile(), parseData(), getMap(), setMap().

### b. Display Plugins

Data visualisation.

**Methods:** typeOfChar(), display(), getButtonText(), getInitialText(), buttonClick().