

Design 1 -> "relationalLoadCSV"

```

    _id: ObjectId("619fab84f4df18b32b809fea")
    Aircraft: "Wright Flyer III"
    Crashes: Array
      0: Object
        Datetime: Object
          Date: "09/17/1908"
          Time: "17:18"
        Casualties: Object
          Aboard: "2"
          Ground: "0"
        Operator_Data: Object
          Flight No.: ""
          Route: "Demonstration"
          Registration: ""
          CN/IN: "1"
          Operator: "Military - U.S. Army"
          Location: "Fort Myer, Virginia"
          Summary: "During a demonstration flight, a U.S. Army flyer flown by Orville Wrig..."

```

- **Crashes:** this document array stores sub documents of every crash of a certain aircraft as defined by the 'Aircraft' type
- **DateTime:** A sub-document of Crashes, this stores the date and time of crashes
- **Casualties:** A sub-document of Crashes, this stores the number of casualties on the plane and on the ground
- **Operator Data:** A sub-document of Crashes, this stores various flight information such as their route and registration

Summary:

- This document stores information imported from a csv via python, containing data on all crashes from 1908 -> 2009

Design 2 -> "standardImportCSV"

```
_id: ObjectId("619fab769c7107b57f3b4ed1")
Date: "09/17/1908"
Time: "17:18"
Location: "Fort Myer, Virginia"
Operator: "Military - U.S. Army"
Flight #: ""
Route: "Demonstration"
Type: "Wright Flyer III"
Registration: ""
cn/In: "1"
Aboard: "2"
Fatalities: "1"
Ground: "0"
Summary: "During a demonstration flight, a U.S. Army flyer flown by Orville Wrig..."
```

Summary:

- This document stores information imported from a csv via python, containing data on all crashes from 1908 -> 2009, unlike relational. This simply maps all fields to one row on the document database and does not aggregate.