Ice Cream Manager [ICM]

DATA FLOW DIAGRAMS DOCUMENT

DFDS
Version No. v1.0

Project Document Revision History

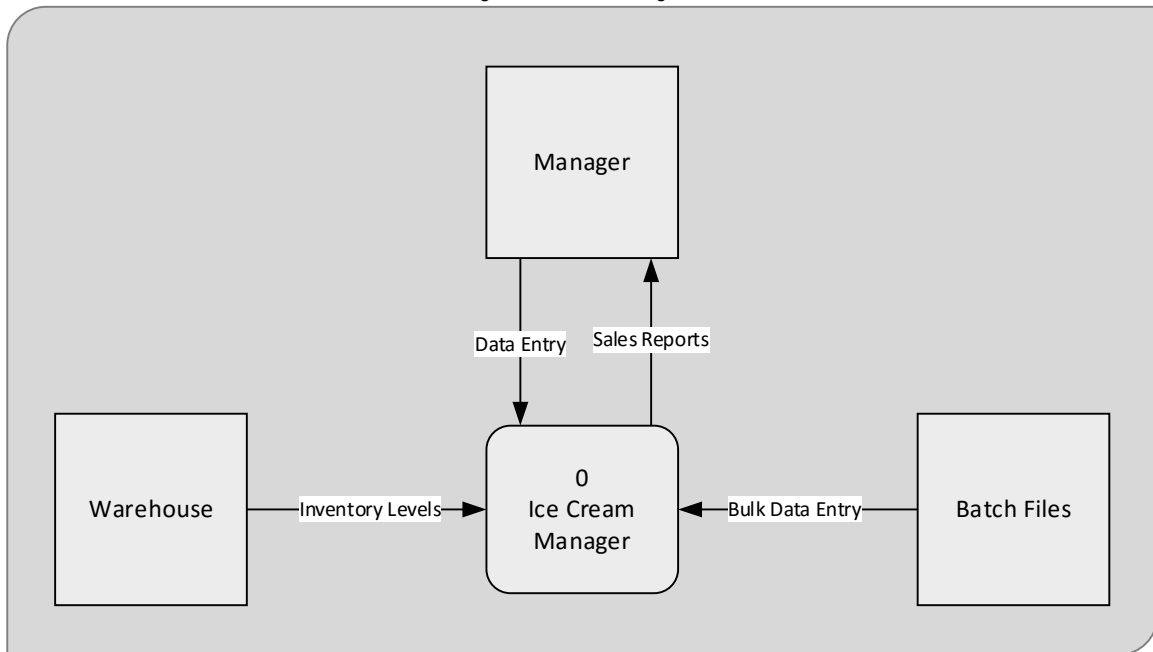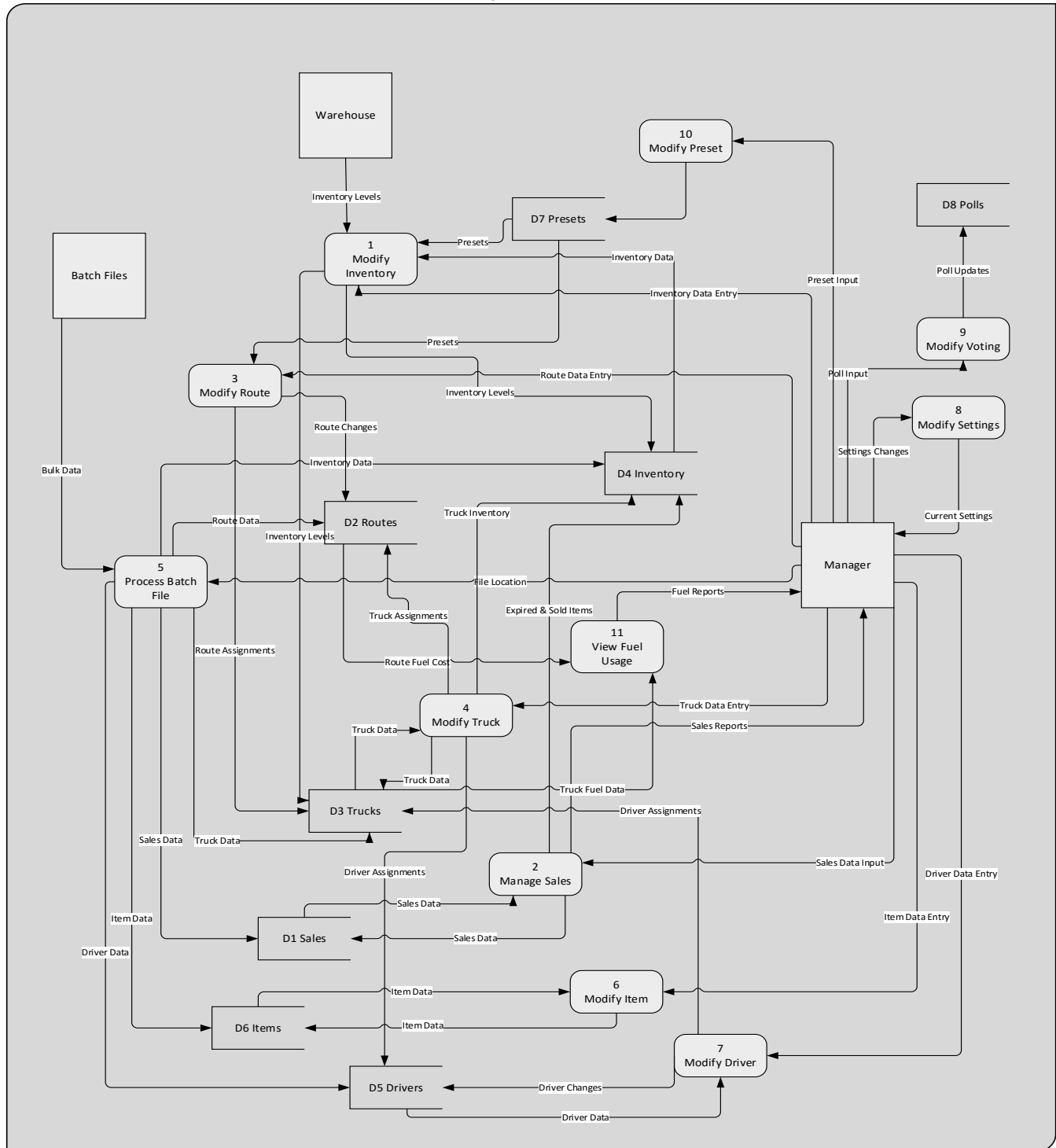| VERSION	DATE	REVISION AUTHOR	DESCRIPTION OF REVISION
0.1	2016-2-22	Cosmosys Team	Initial content generation.
0.2	2016-3-17	Jacob Vacheresse	0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 & 11 DFDs added
1.0	2016-3-17	Cosmosys Team	Baselined.

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1.0 Context Diagram

Figure 1: Context Diagram

2.0 0 DFD Diagram

Figure 2: 0 DFD

Note: 0DFD is included in separate file for larger view

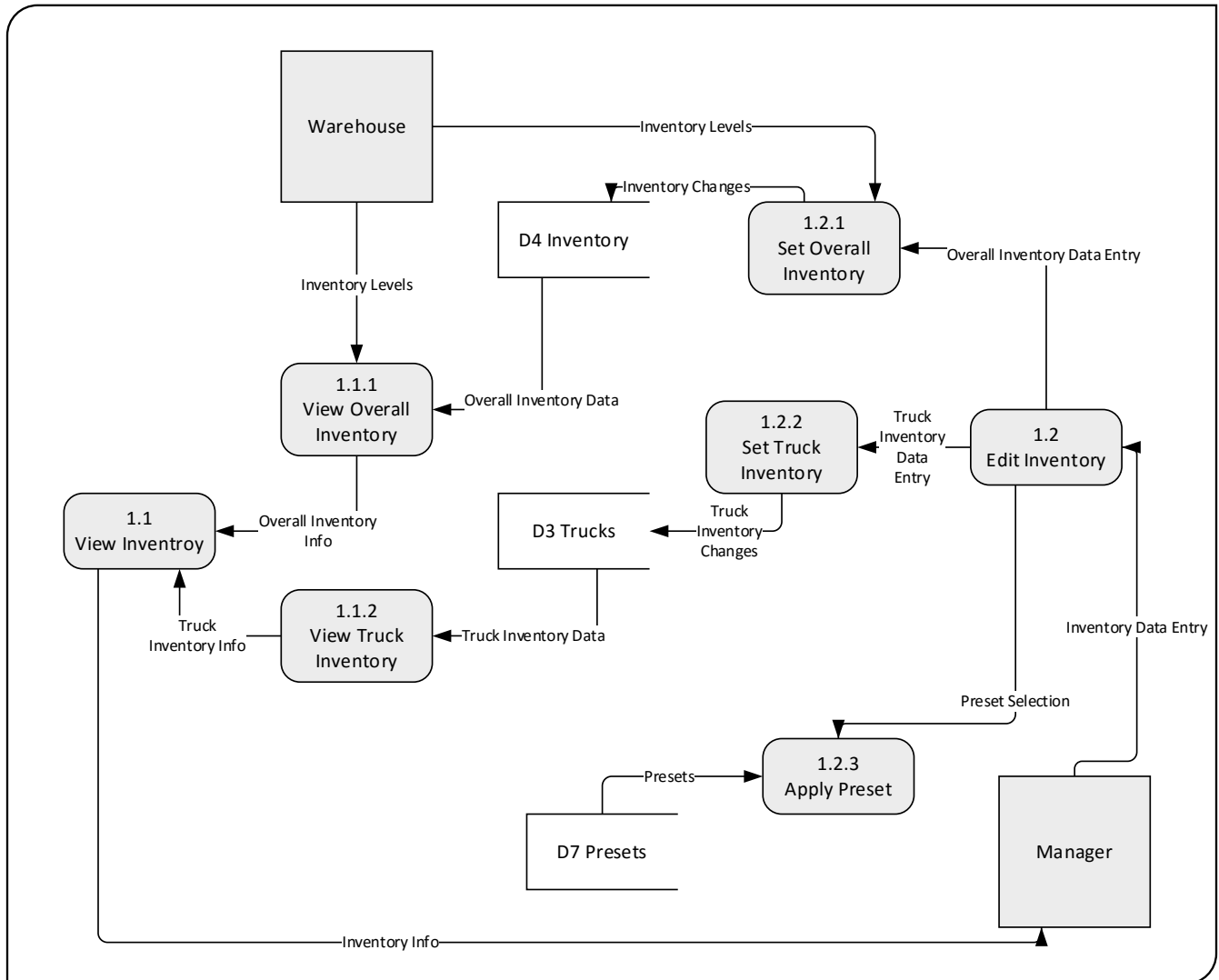# 3.0 DFD Diagrams

3.1 1 DFD Diagram
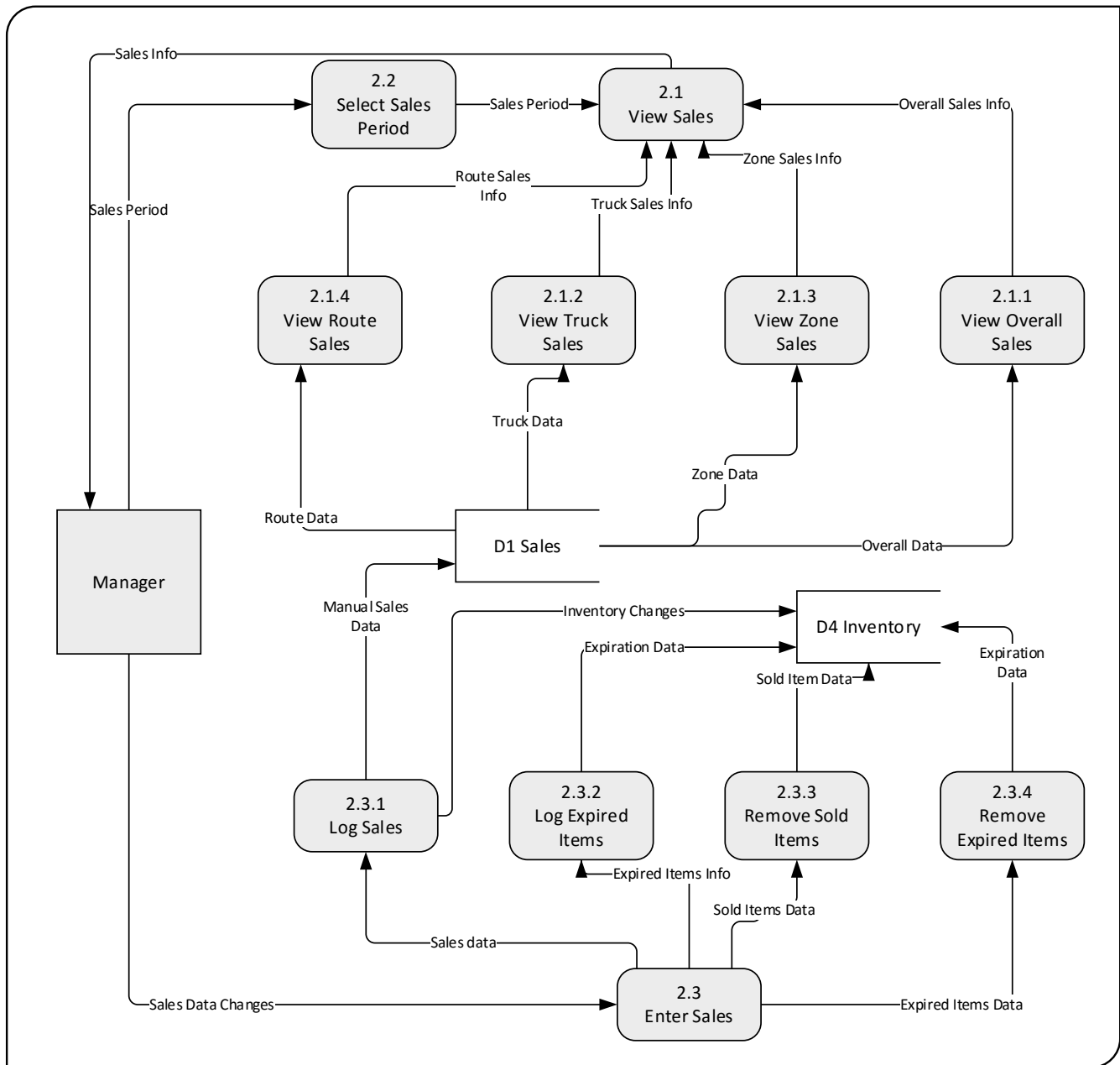

Figure 3: 1 DFD

3.2 2 DFD Diagram

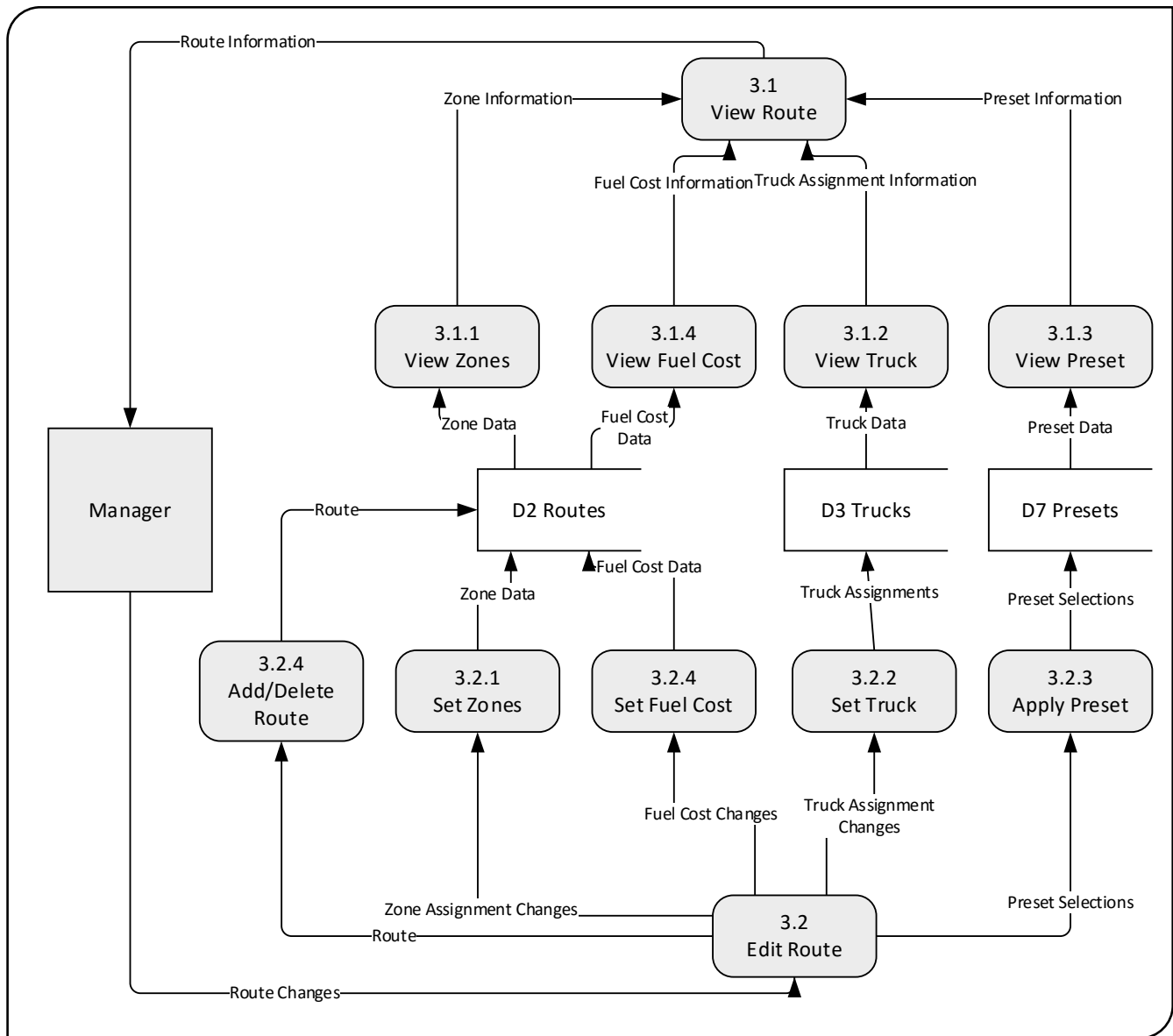*Figure 4: 2 DFD*

3.3 3 DFD Diagram

Figure 5: 3 DFD

3.4 4 DFD Diagram
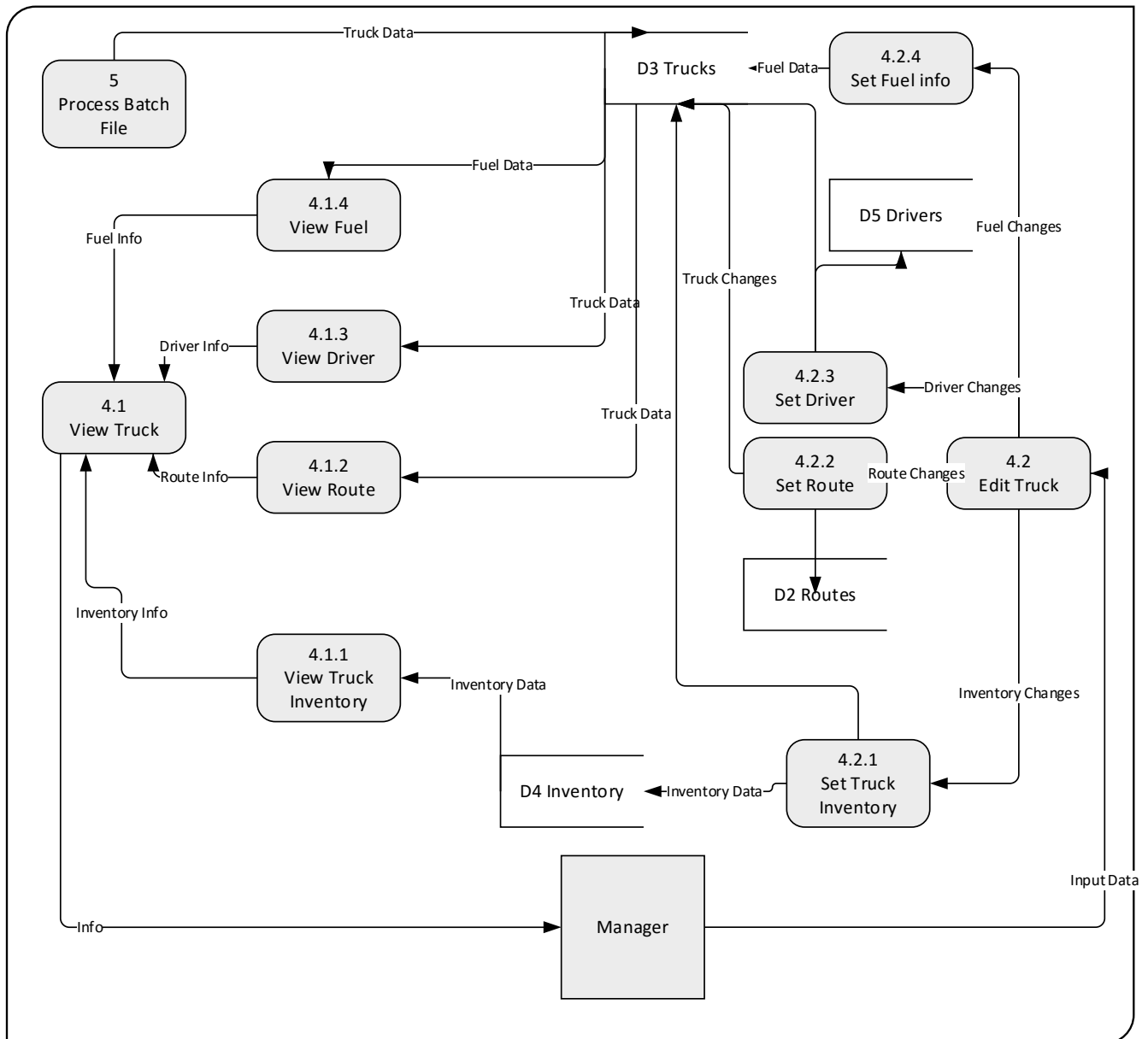
Figure 6: 4 DFD

3.5 5 DFD Diagram

```
                    ┌──────────┐    ┌──────────┐    ┌──────────┐
                    │ D1 Sales │    │ D2 Routes│    │ D3 Trucks│
                    └──────────┘    └──────────┘    └──────────┘
                         ↑               ↑               ↑
                    Sales Data      Route Data      Truck Data

  ┌──────────┐                    ┌──────────┐                    ┌──────────┐
  │          │  File Processing   │   5.1    │    File Data       │          │
  │ Manager  │───── Data ────────▶│ Load     │◀───────────────────│Batch Files│
  │          │                    │Batch File│                    │          │
  └──────────┘                    └──────────┘                    └──────────┘
                    Inventory Data   Driver Data    Item Data
                         ↓               ↓               ↓
                    ┌──────────┐    ┌──────────┐    ┌──────────┐
                    │D4 Inventory   │ D5 Drivers│    │ D6 Items │
                    └──────────┘    └──────────┘    └──────────┘
```
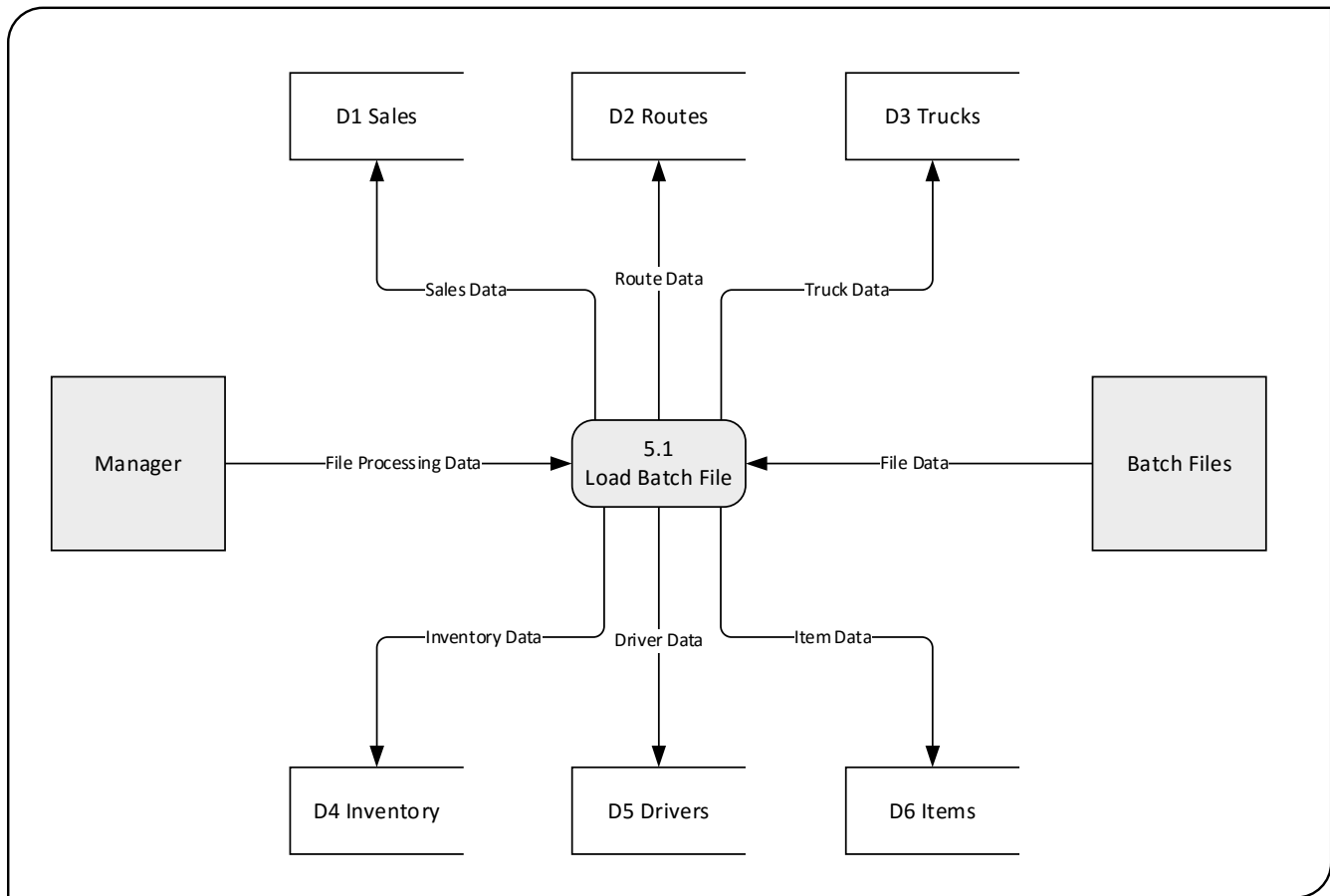
Figure 7: 5 DFD
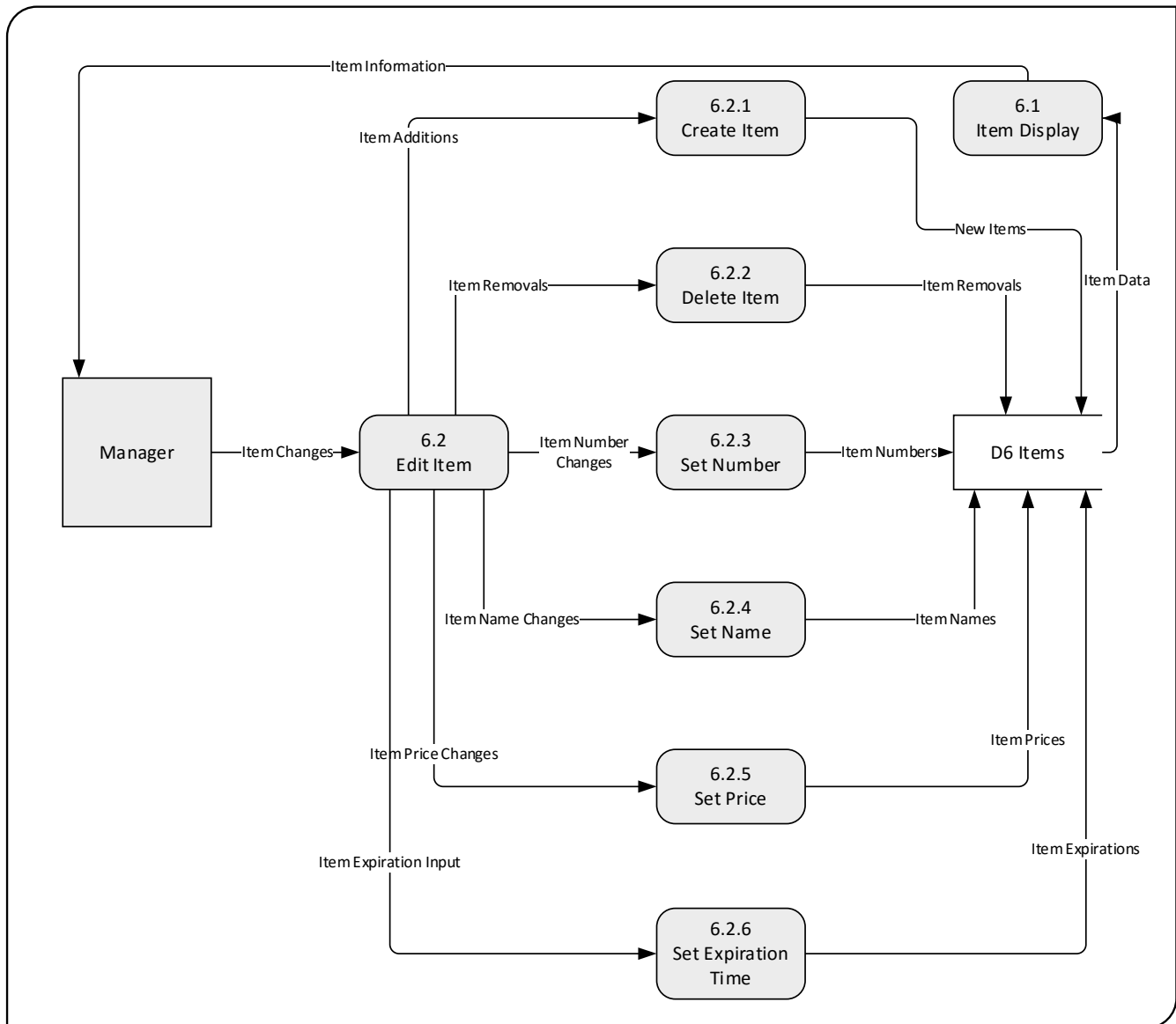
3.6 6 DFD Diagram
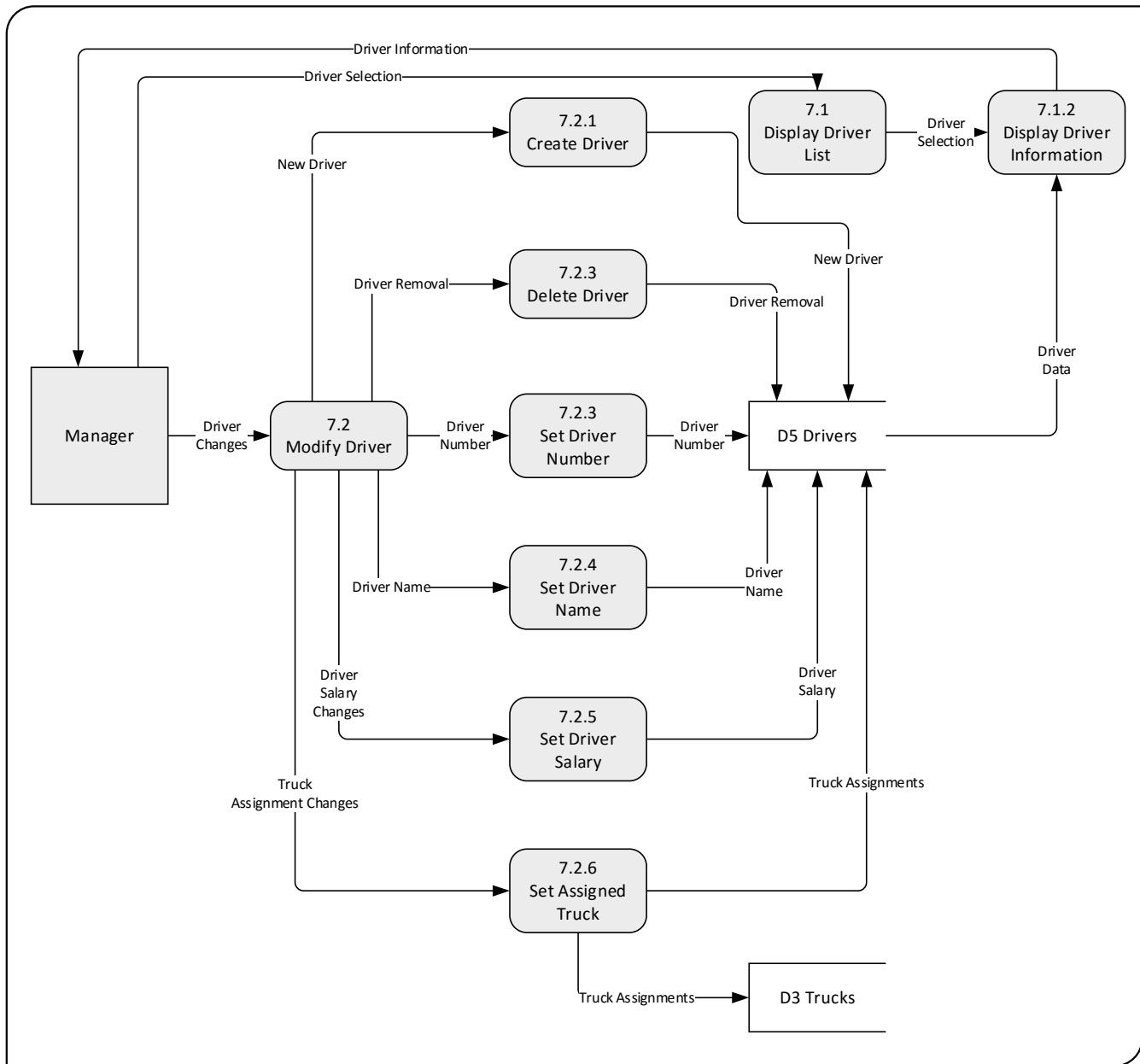

Figure 8: 6 DFD

3.7 7 DFD Diagram

Figure 9: 7 DFD

3.8 8 DFD Diagram

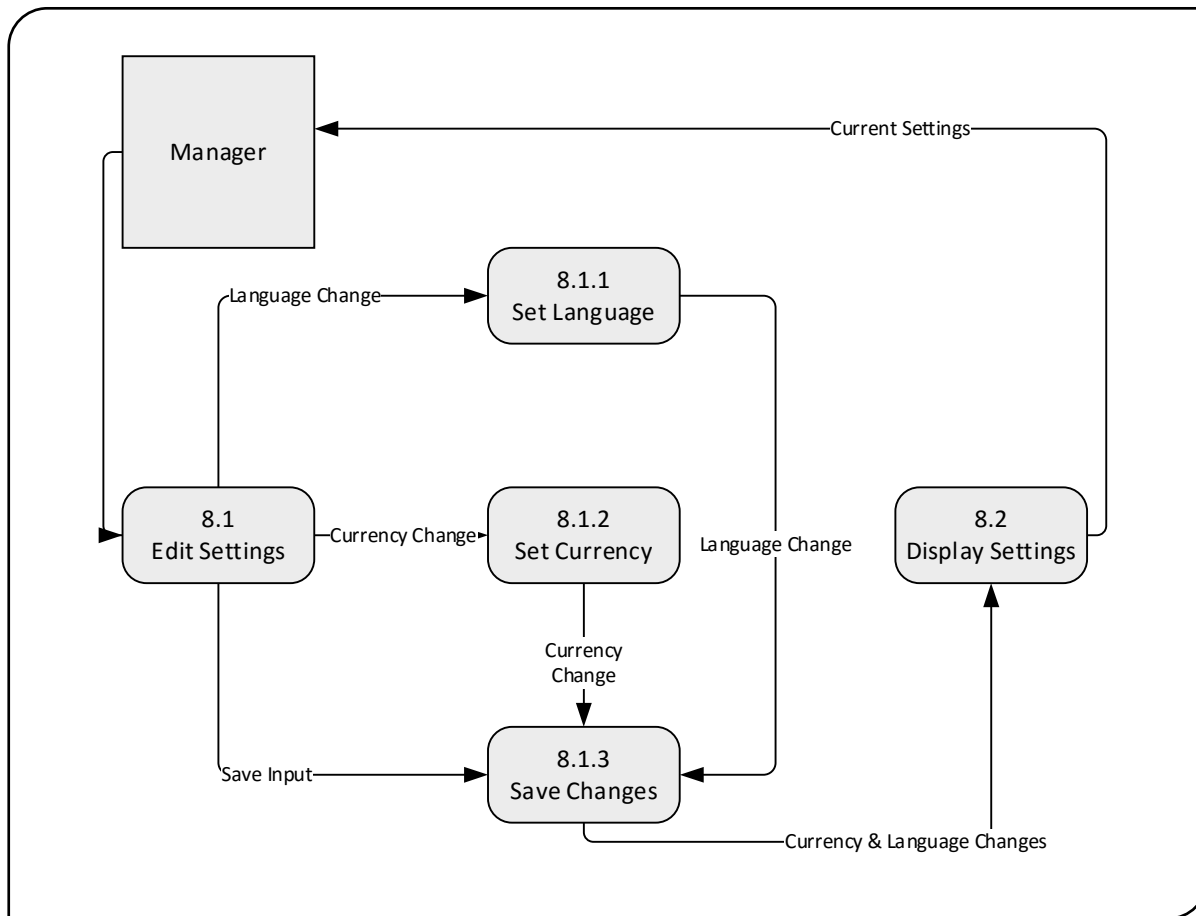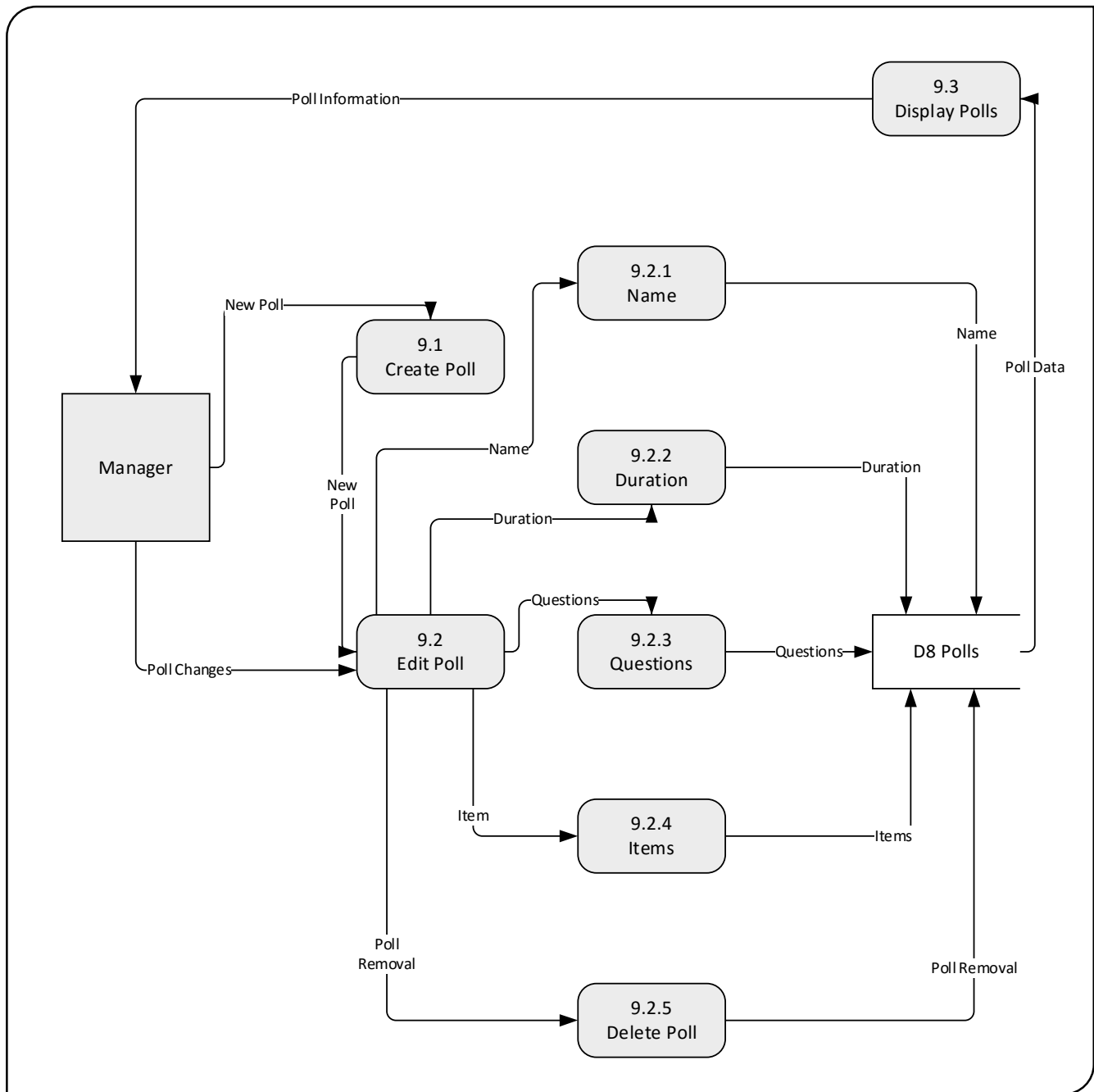*Figure 10: 8 DFD*

3.9 9 DFD Diagram
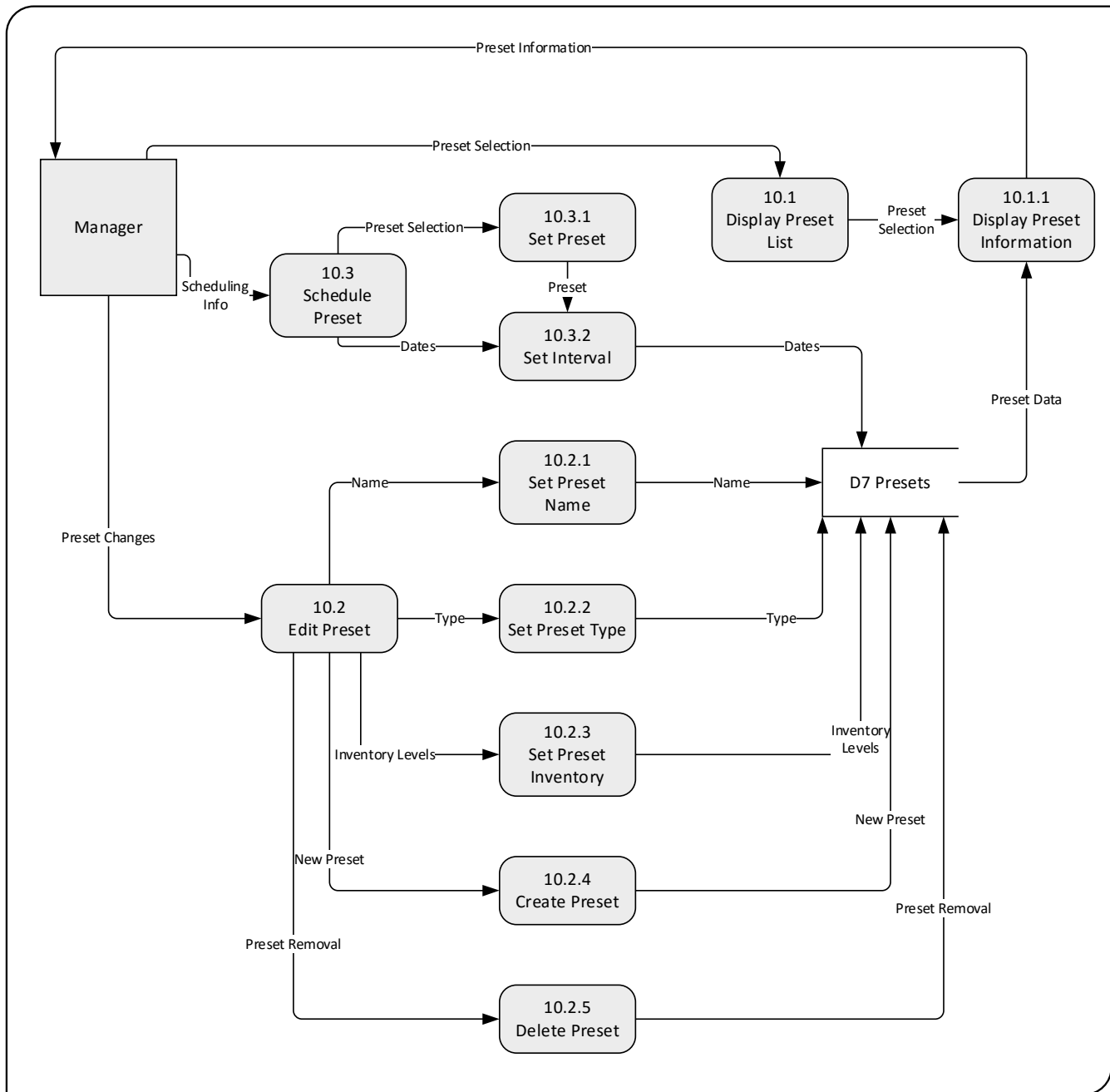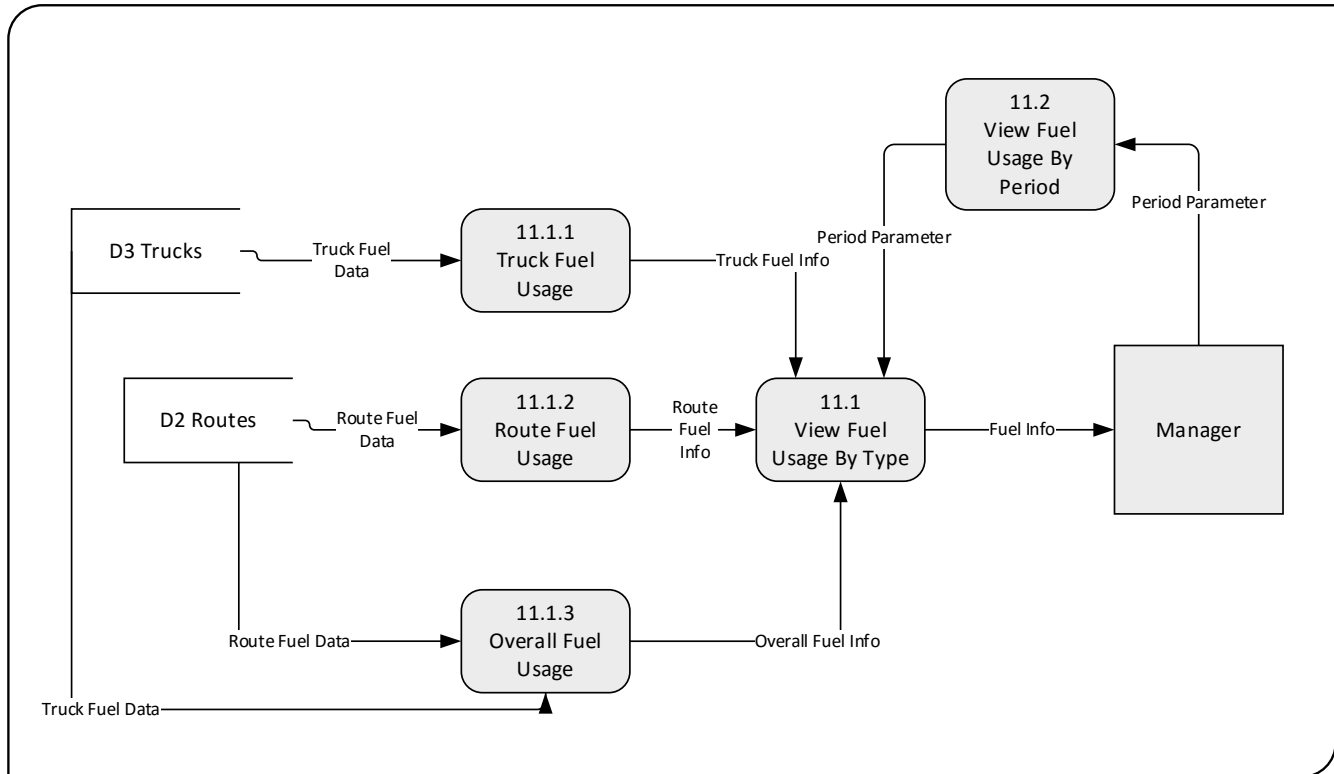

Figure 11: 9 DFD

3.10 10 DFD Diagram

Figure 12: 10 DFD

3.11 11 DFD Diagram

Figure 13: 11 DFD

4.0 Use Case Summary Review and Signoff

Review and Signoff on the Use Case Summary Document

NAME	PROJECT TEAM ROLE	SIGNATURE	DATE
Marc King	Team Lead		2016-03-17
Aly Lakhani	Developer		2016-03-17
Rodney Lewis	Developer		2016-03-17
Jacob Vacheresse	Developer		2016-03-17
Fan Zhang	Developer		2016-03-17