

DataBoss

Let the Boss manage your records

Outline

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- Design
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Introduction

Following the requirements we needed to design and implement a program to do the following:

- Display
- Add
- Delete
- Search
- Help

On a data file, primary index, and a secondary index (represented as an inverted list)



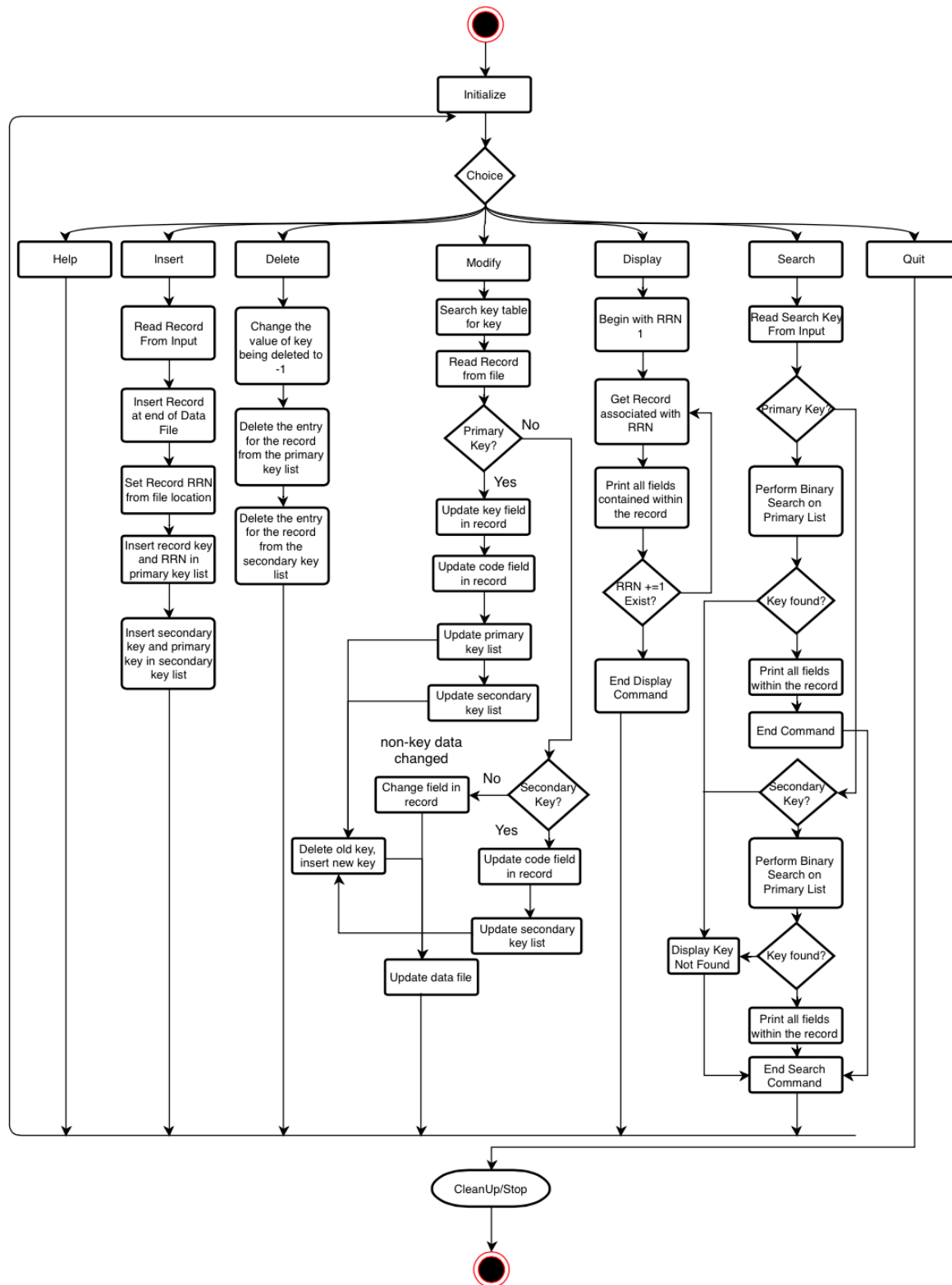
Design

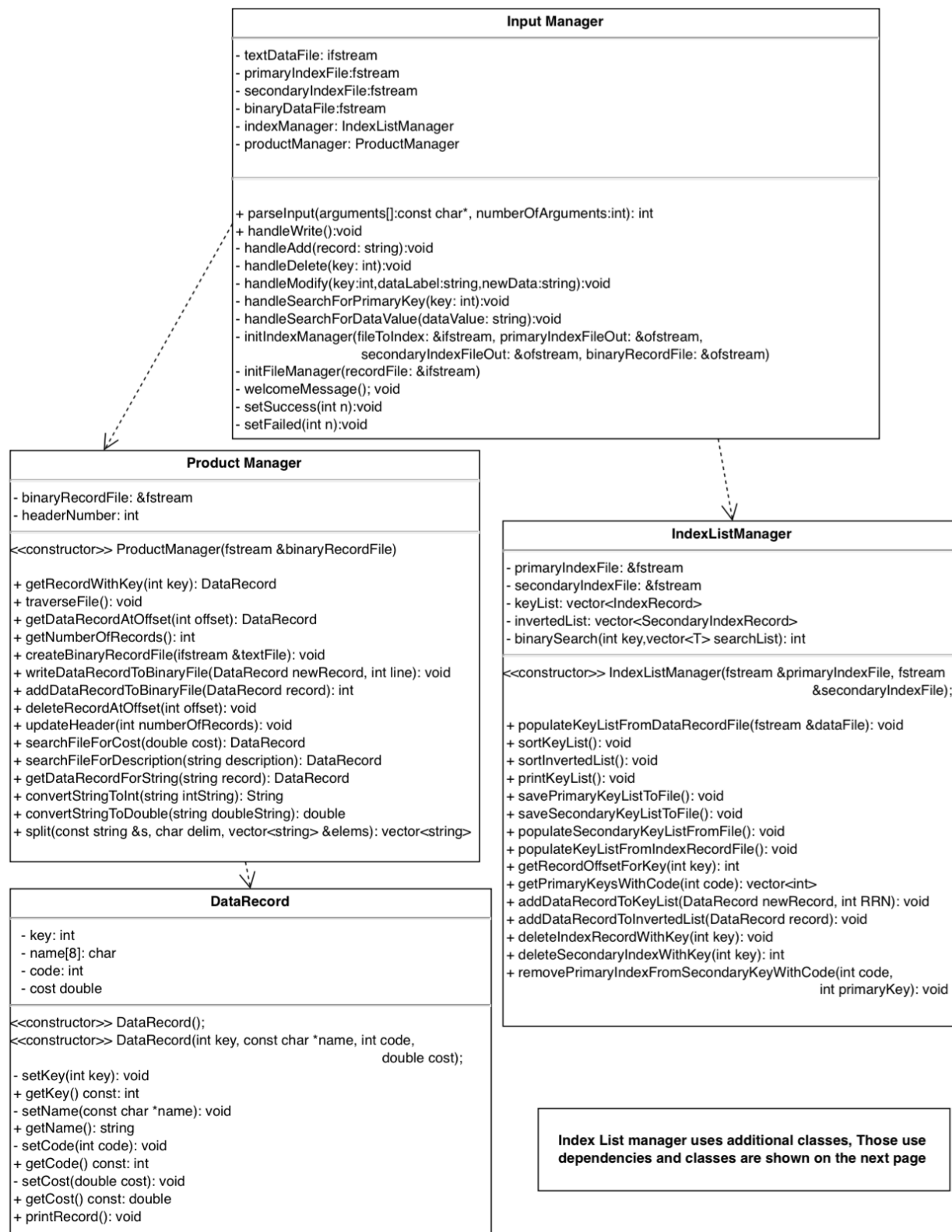
The Planning Process

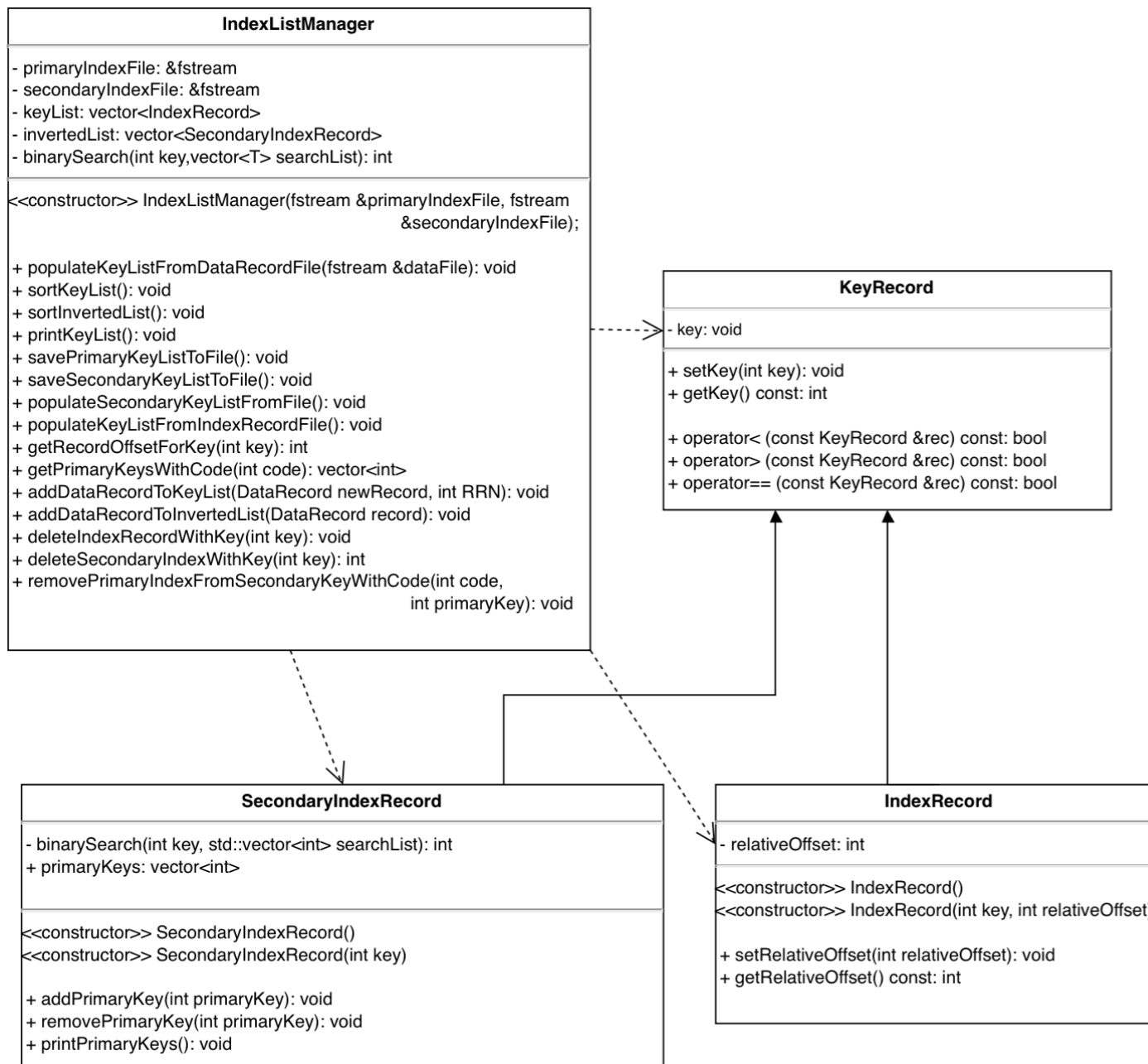


Design

- Focused on modularity and code re-use
- Inheritance was used, within the record classes
- DataBoss's flowchart matches the proposal flow chart, plus one additional command

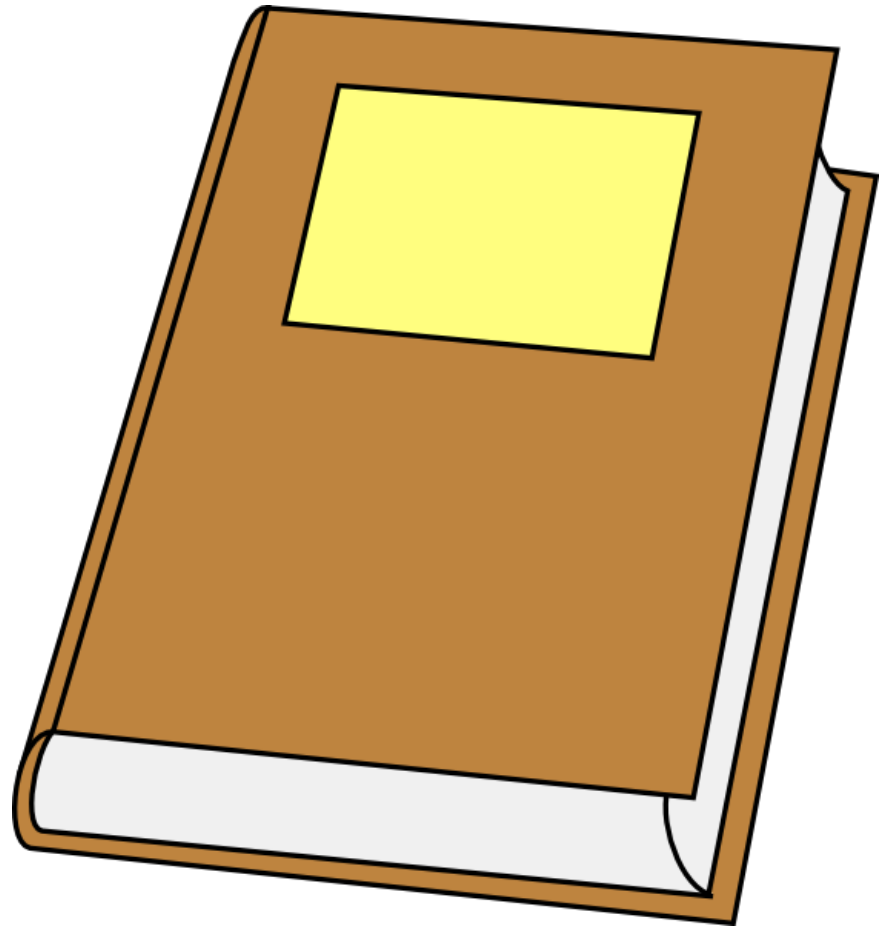






User Guide

How to use DataBoss



Commands

- Display - Displays all of the data currently stored by DataBoss
- Add - Adds a record to the data file, primary index and secondary index
- Delete - removes a record from the data file, primary index or secondary index.
- Search - searches the primary index, secondary index or the data file
- Help - displays available commands and proper syntax to execute the commands

Summary

- DataBoss is a simple record management solution
- We will now demonstrate DataBoss....