
Design Phase

Team 6

200611520 진경훈
200611499 이낙원
200611521 최정명
200911411 이상규

Contents

- Introduction
- Use Cases & State Diagram
- Decompositon & Dependency description
- Class Diagram

Introduction

Purpose & Scope

- 본 문서는 '시각화와 Alarm 기능을 포함한 Time Table System'의 구현을 위해 작성되었다.
- 본 문서는 개발팀을 위해 작성되었다.
- 본 문서는 System 개발 지침 목적으로 작성되었다.

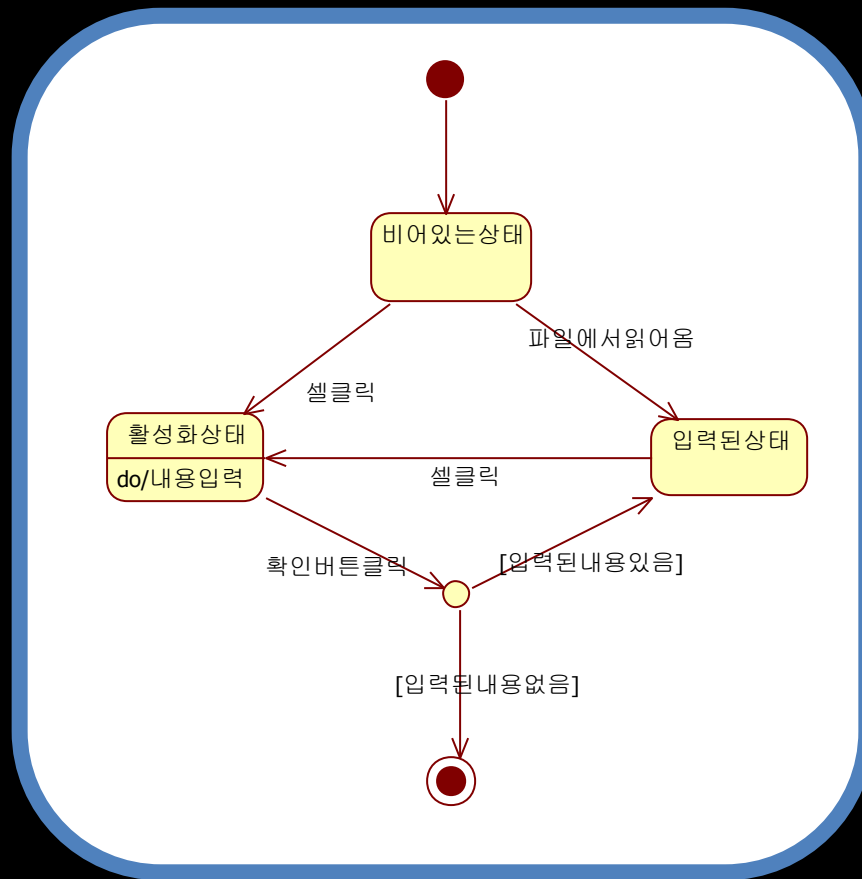
Use cases & Stat Diagram

Use cases

- 프로그램 실행 / 상태 저장 / 종료
- 시간표 등록 / 조회 / 수정
- 메모 입력 / 조회 / 수정 / 삭제
- 메모 알림(팝업)
- 일일 스케줄 조회
- 달력 출력 / 달력에 메모표시 · 확인

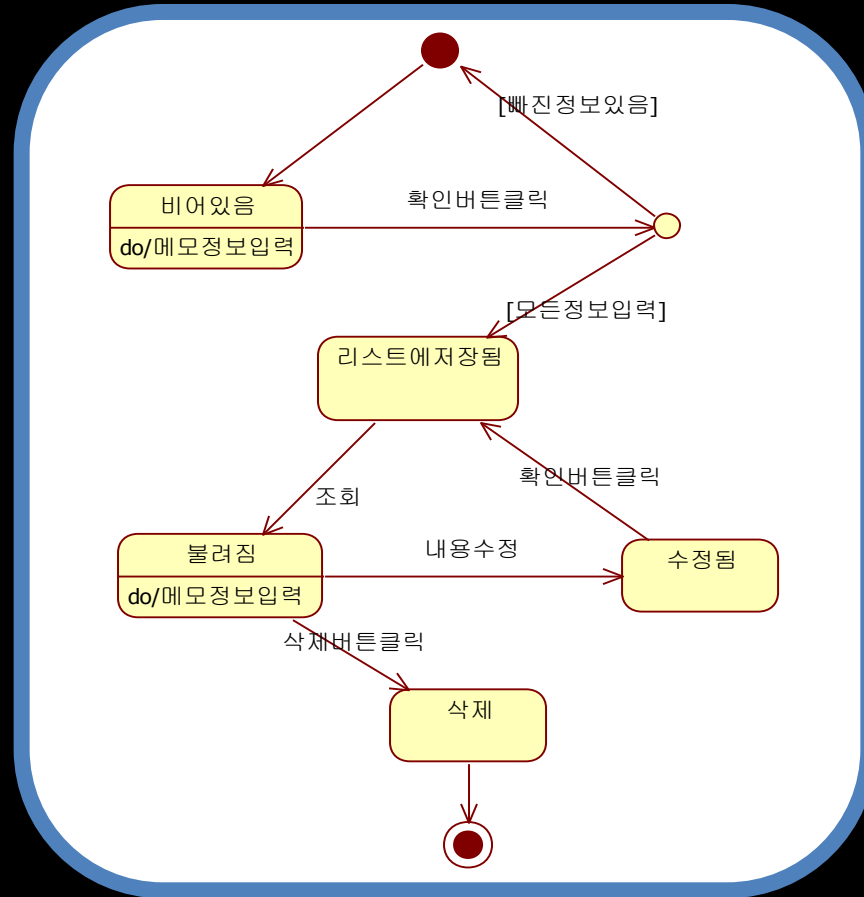
State Diagram – Data 연동

TimeTable



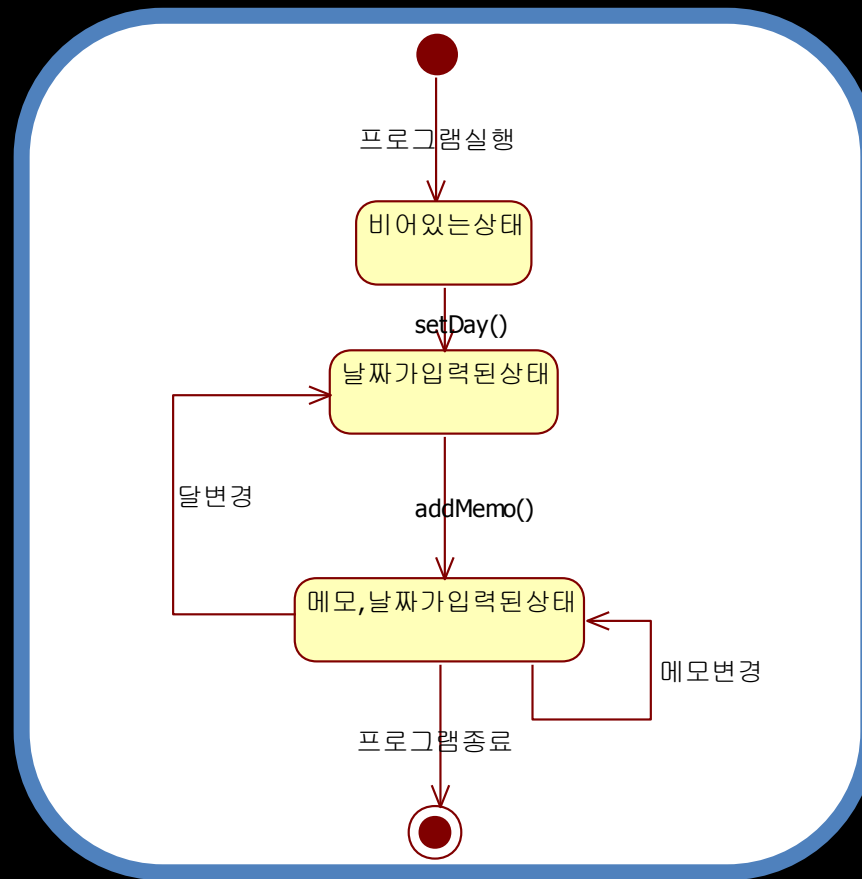
State Diagram – Data 연동

Memo



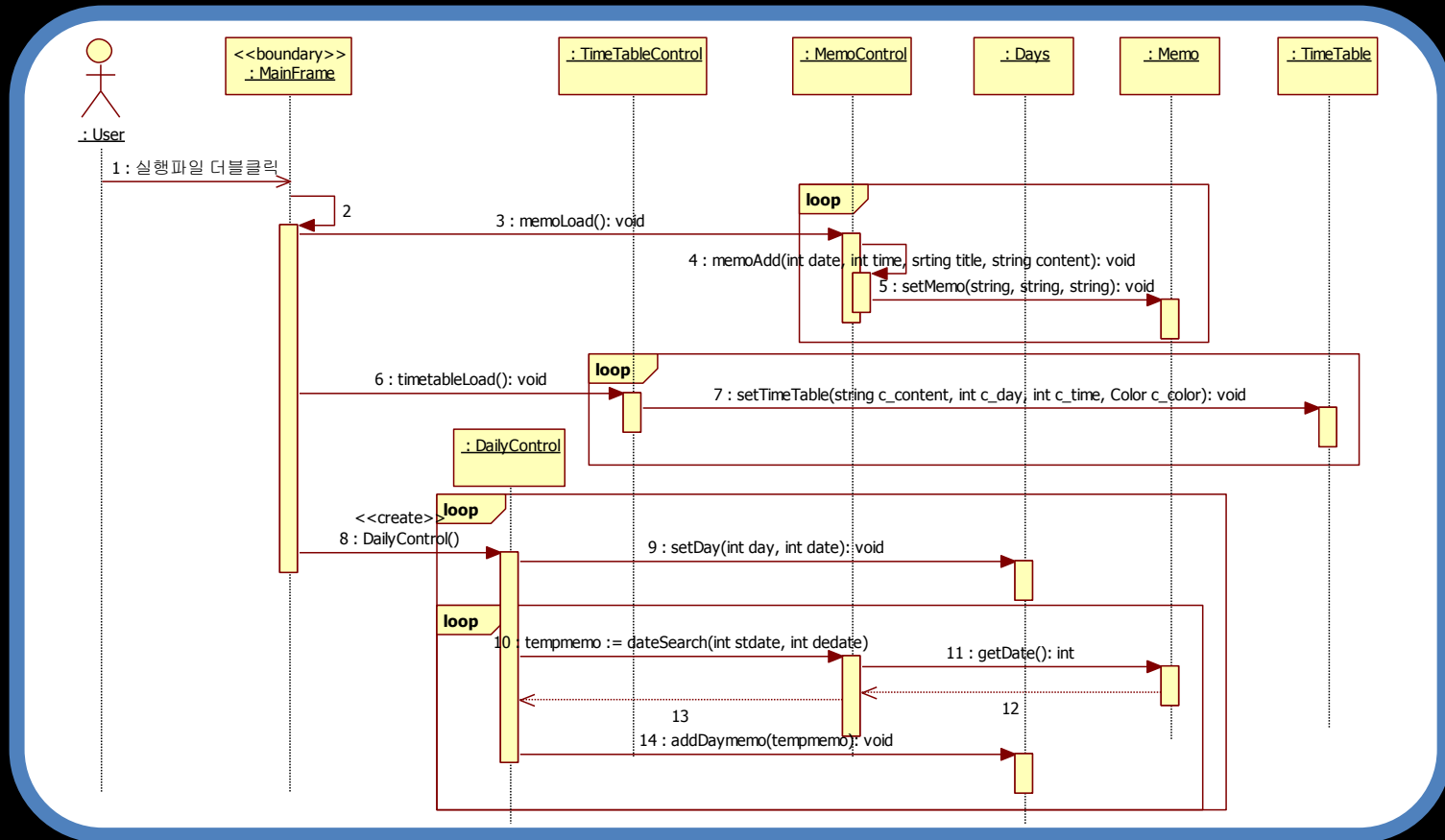
State Diagram – Data 연동

Days



Sequence Diagram (Ex.)

프로그램 실행



Decomposition & Dependency description

Package 구분

● Frame

- MainFrame, MemoFrame, TimeTableFrame을 포함한다.
- 각 프레임들은 각각의 자료를 보여준다.

● Control Package

- MemoControl, TimeTableControl, DailyControl 클래스를 포함한다.
- Actor가 요청하는 기능을 수행한다.

● Alarm Package

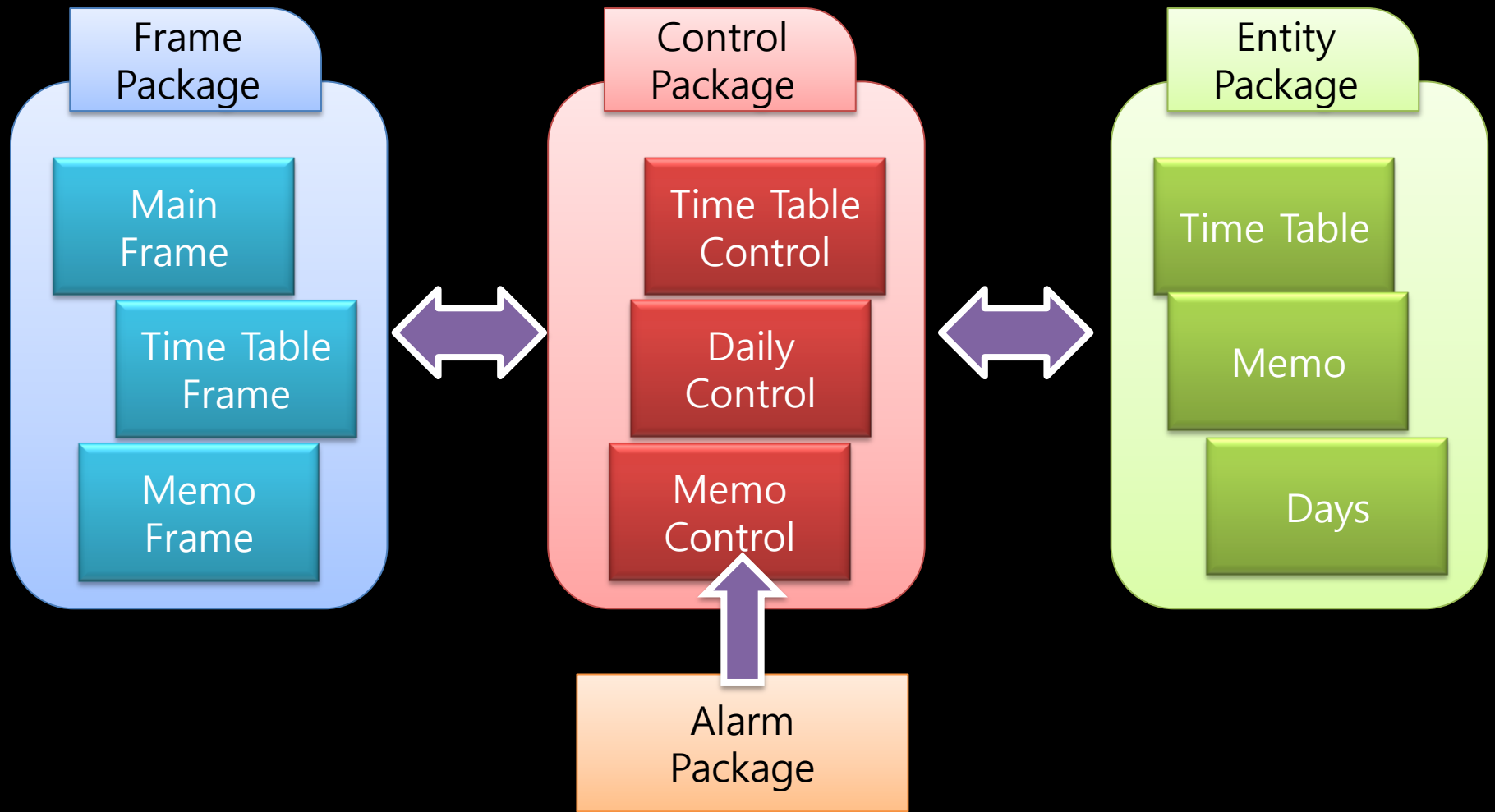
- 일정시간마다 MemoControl 클래스에 접근하여 시간을 비교한다.

Package 구분 (cont.)

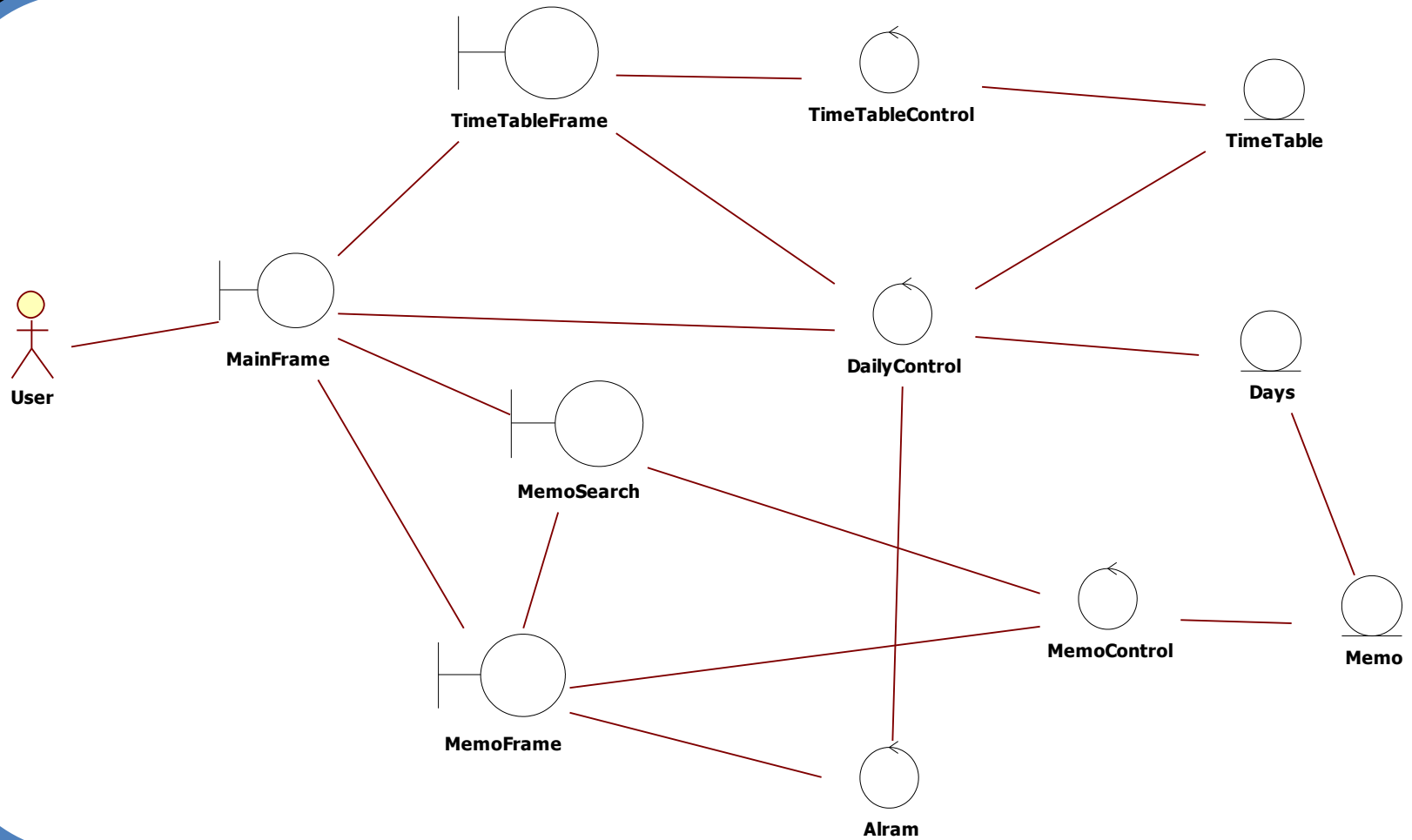
● Entity Package

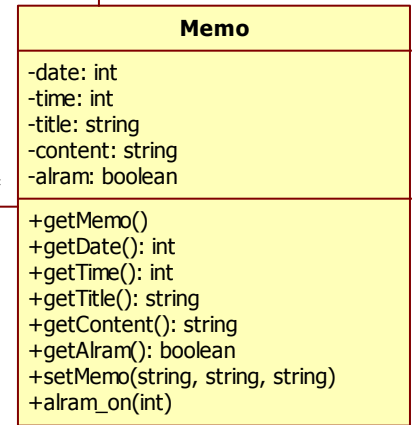
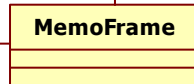
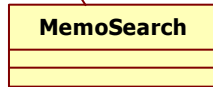
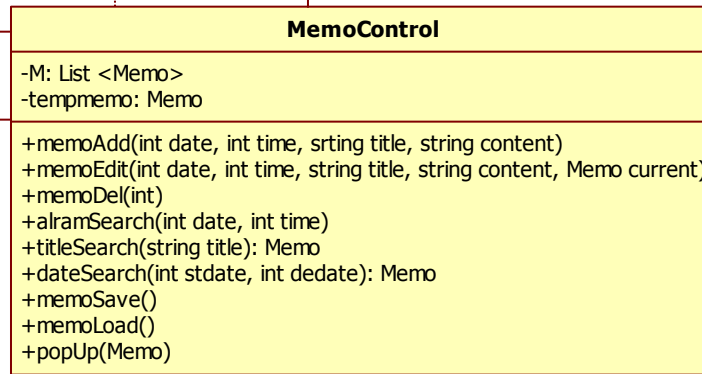
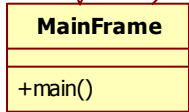
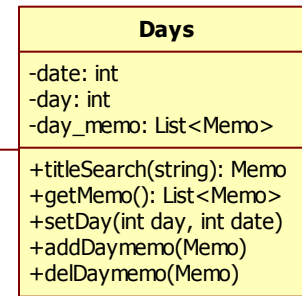
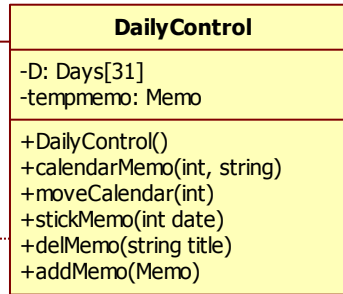
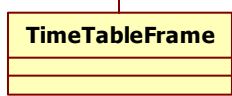
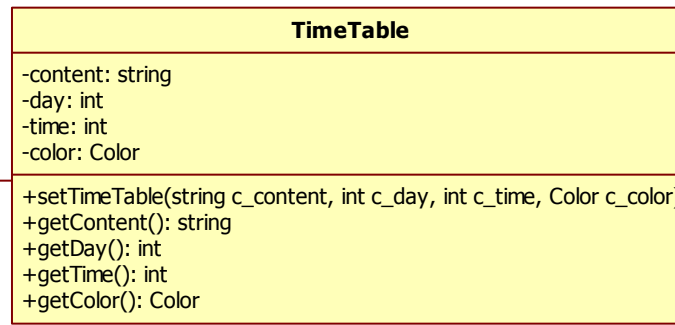
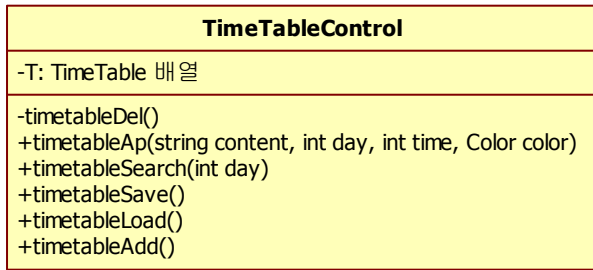
- Memo, TimeTable, Days 클래스를 포함한다.
- 각각의 데이터를 txt 파일로 저장하고 불러온다

Package 구조



분석 클래스





Thank You-!

Q & A