

Term Project Report #2

Official File Based Time Table System

200711472 진교선
200711431 박성훈
200711460 이상열
200711465 이홍재

Design

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Introduction - Purpose

- ▶ **Plan & analysis part 에서 도출한 FR NFR을 충족 시키는 Design을 도출**
 - ▶ Plan & analysis part 에서 부족했던 Use Case를 다시 구상
 - ▶ 이를 통해 Class를 도출해 낸 후 이를 Design에 반영

- ▶ **IEEE Std. 1016을 기준으로 SSD 작성**
 - ▶ Design에 대한 명세를 문서화 한다.



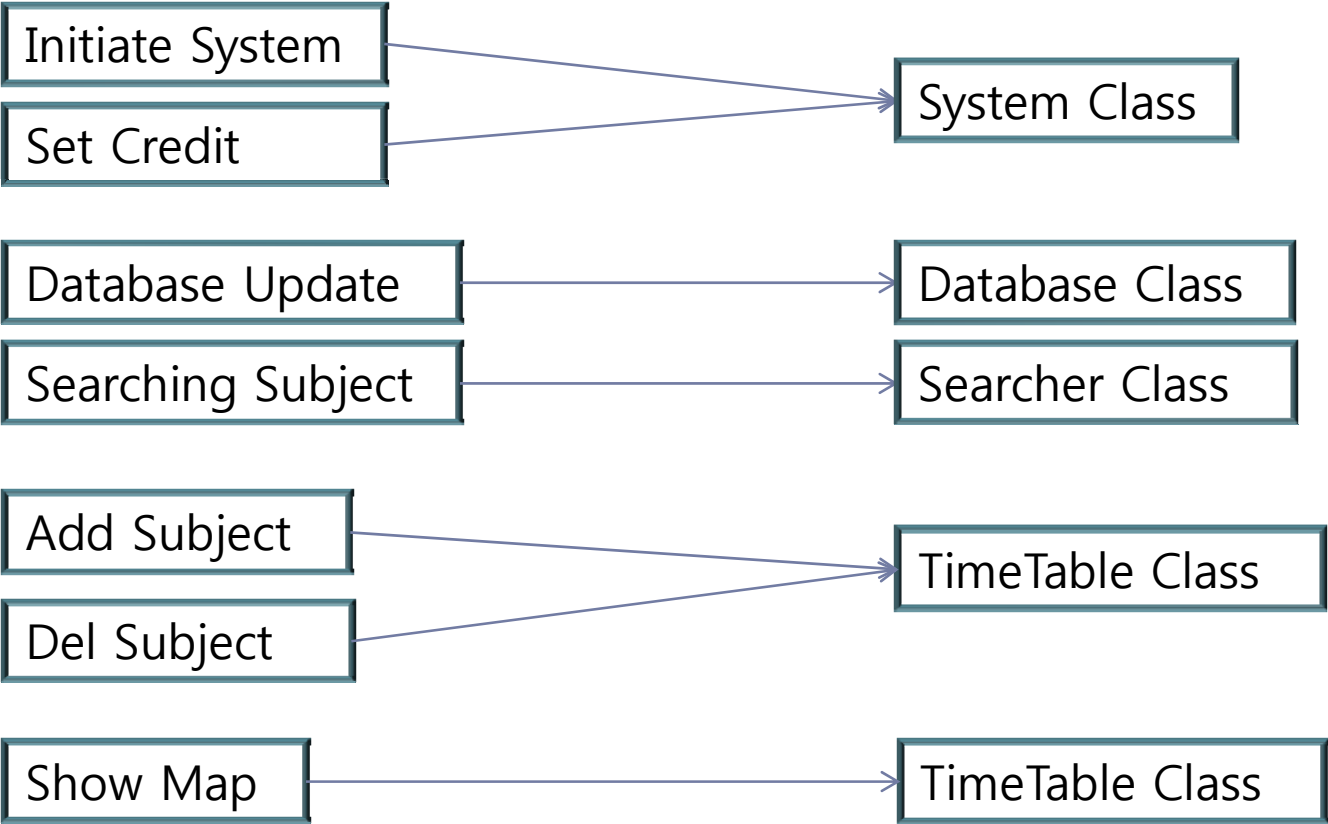
Introduction - Scope

- ▶ Plan & analysis part에서 도출된 내용만을 Design에 반영

- ▶ Plan & Analysis 에서 규정한 Scope를 준수한다.

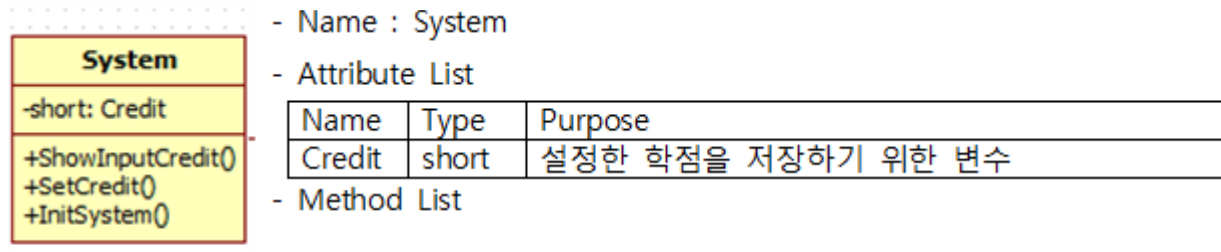


UseCase Redefinition



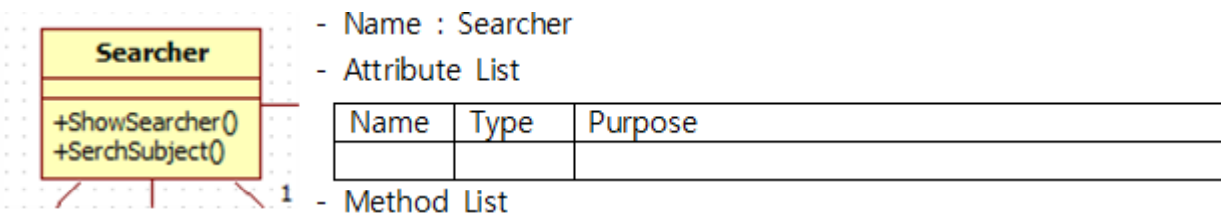
Class Description

▶ System Class Description



Name	Return Type	Parameter	Purpose
ShowInputCredit	void	void	credit을 화면에 출력
SetCredit	Void	short	credit Attribute 값을 설정한다.
InitSystem	Void	void	System 초기화

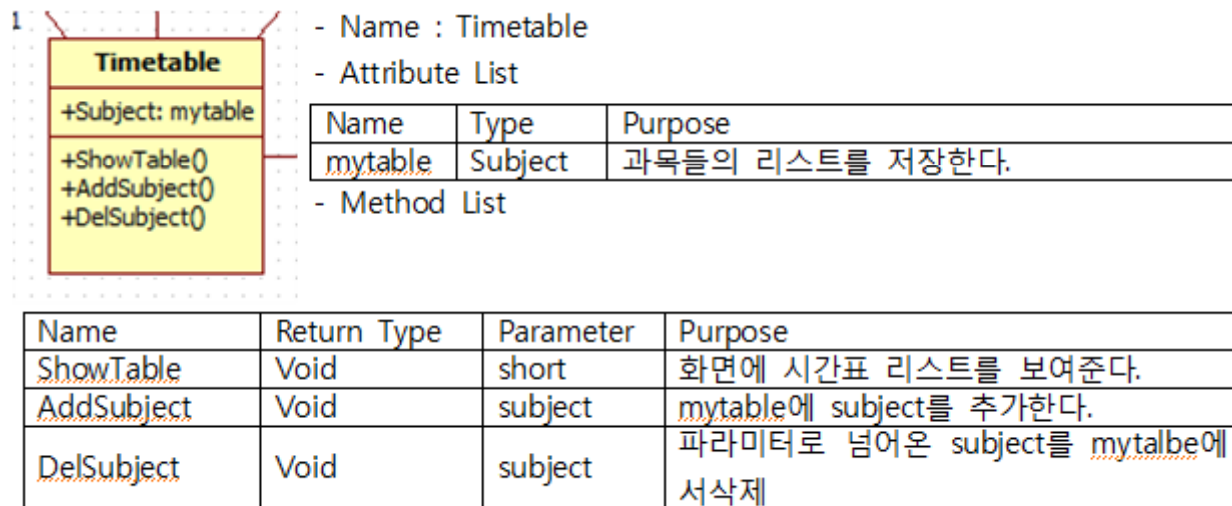
▶ Searcher Class Description



Name	Return Type	Parameter	Purpose
ShowSearcher	void	void	Search UI 화면에 출력
SearchSubject	void	string,string	parameter의 조건으로 database 검색

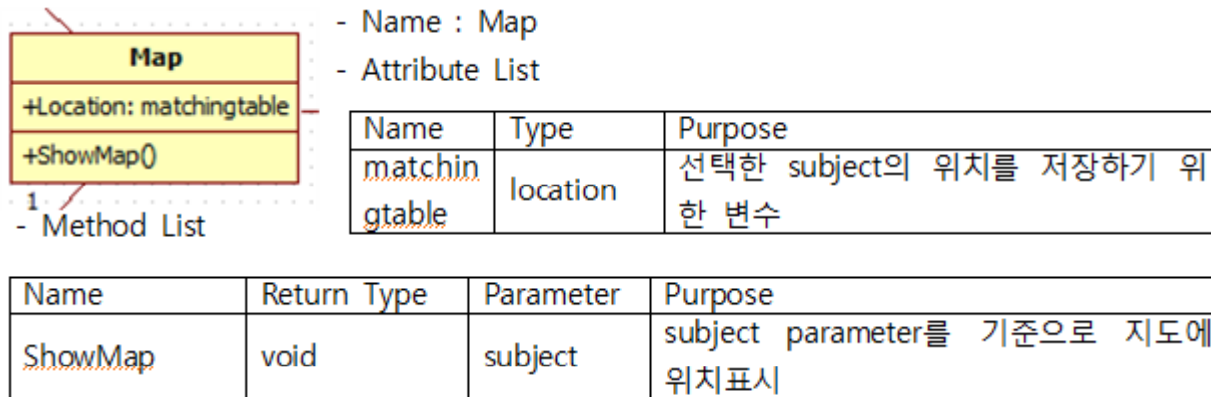
Class Description

▶ TimeTable Class Description

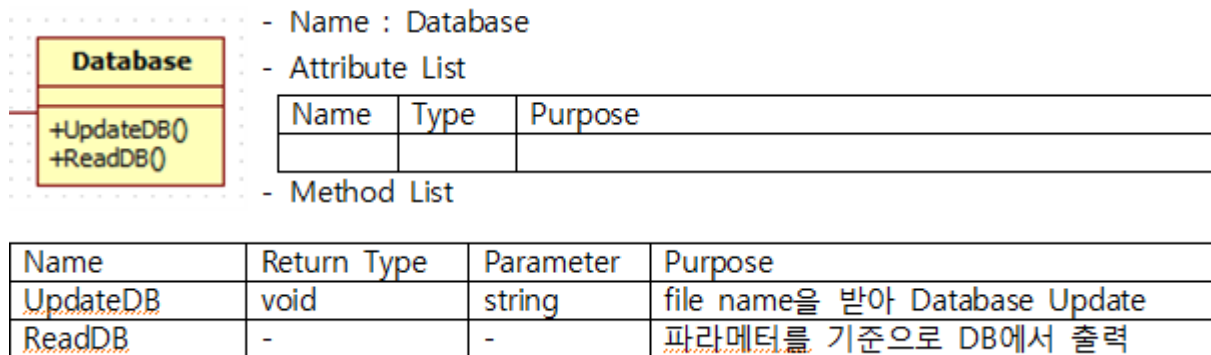


Class Description

▶ Map Class Description

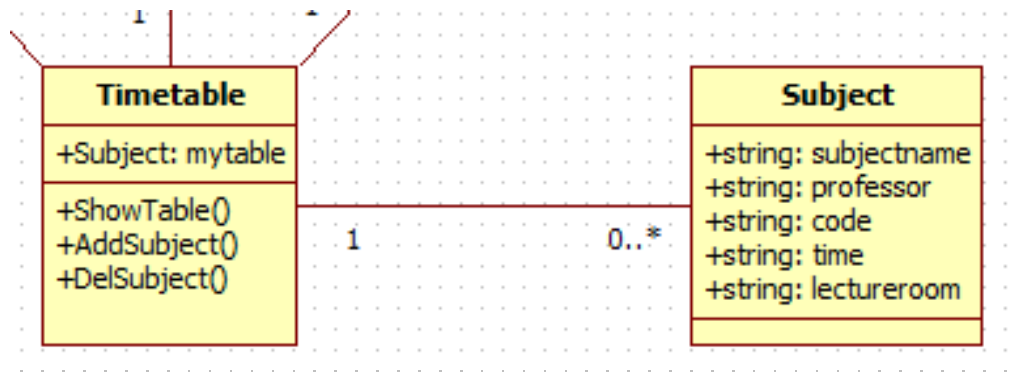


▶ Database Class Description

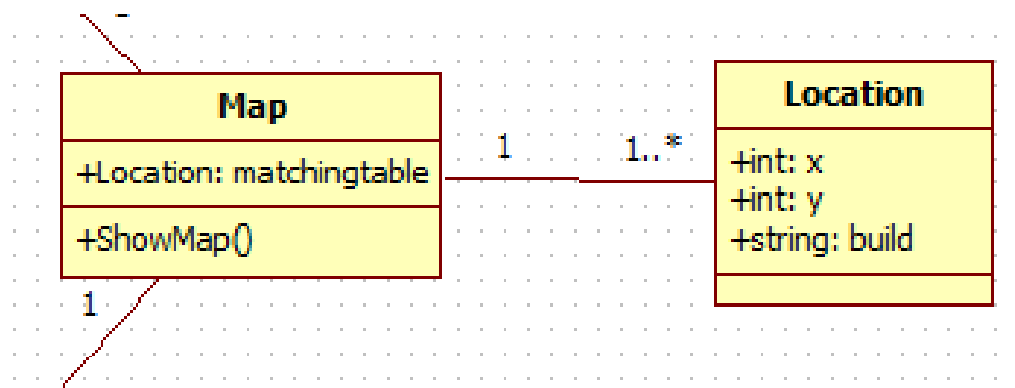


InterModule Description

▶ Table Package

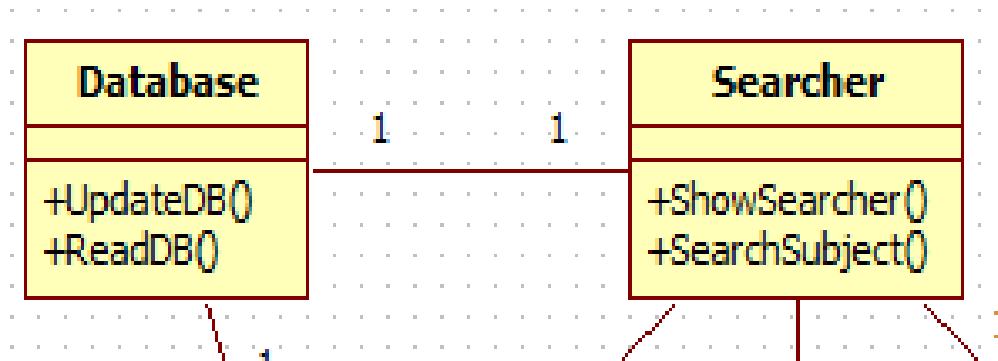


▶ Locale Package

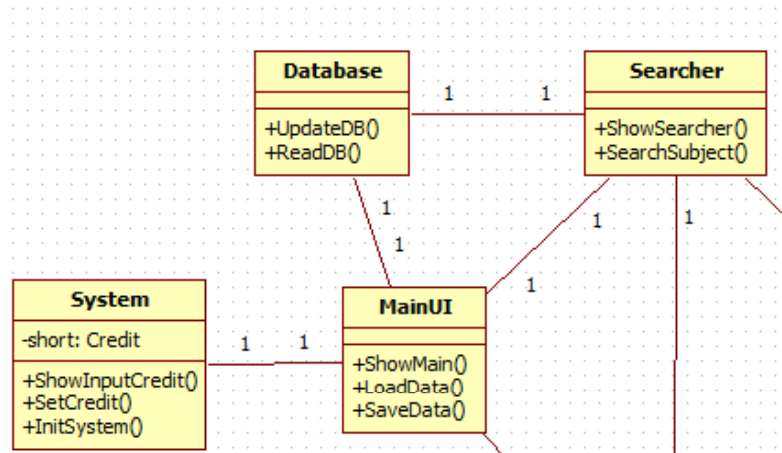


InterModule Description

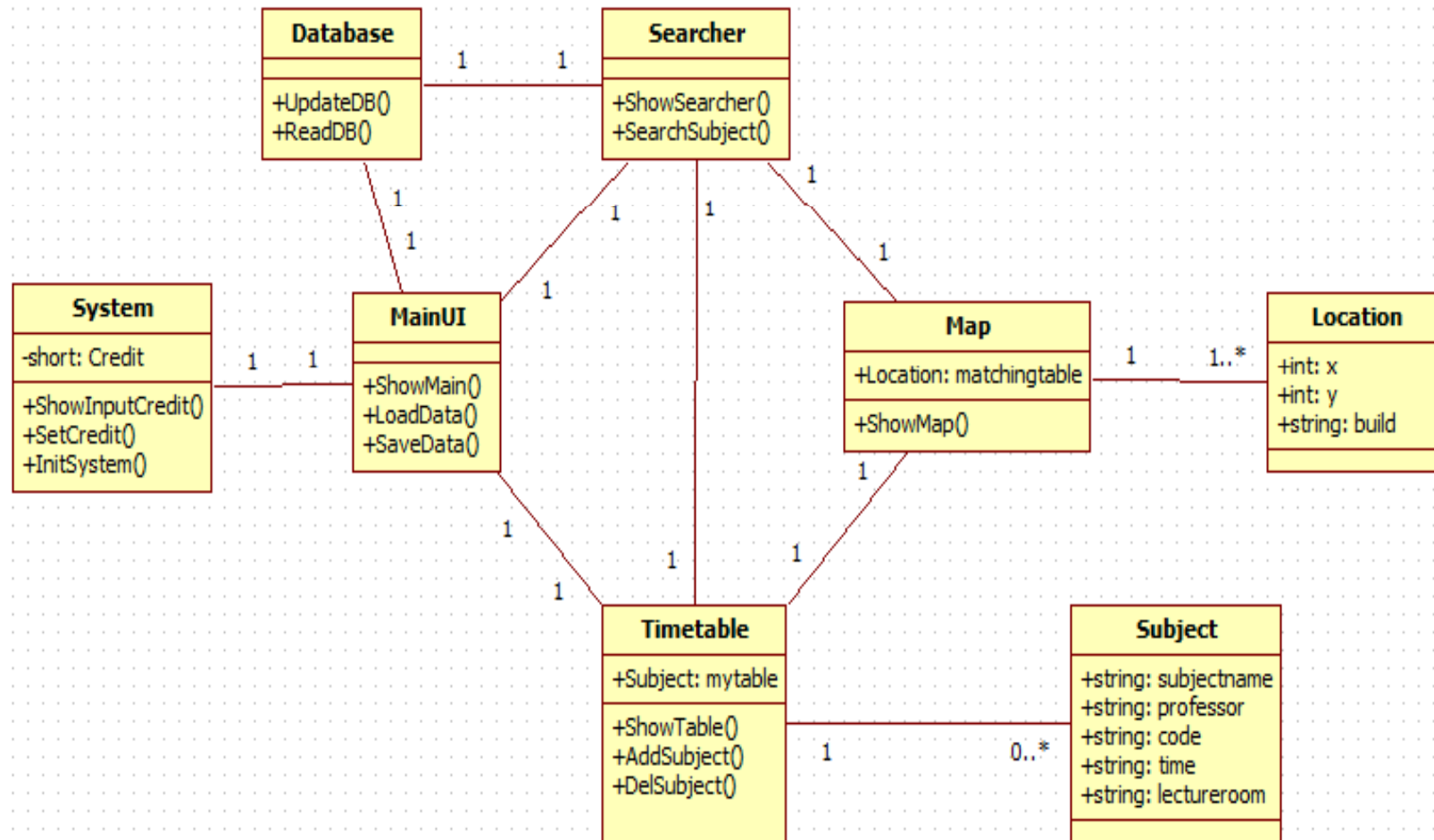
▶ Database Handler Package



▶ Main System Package

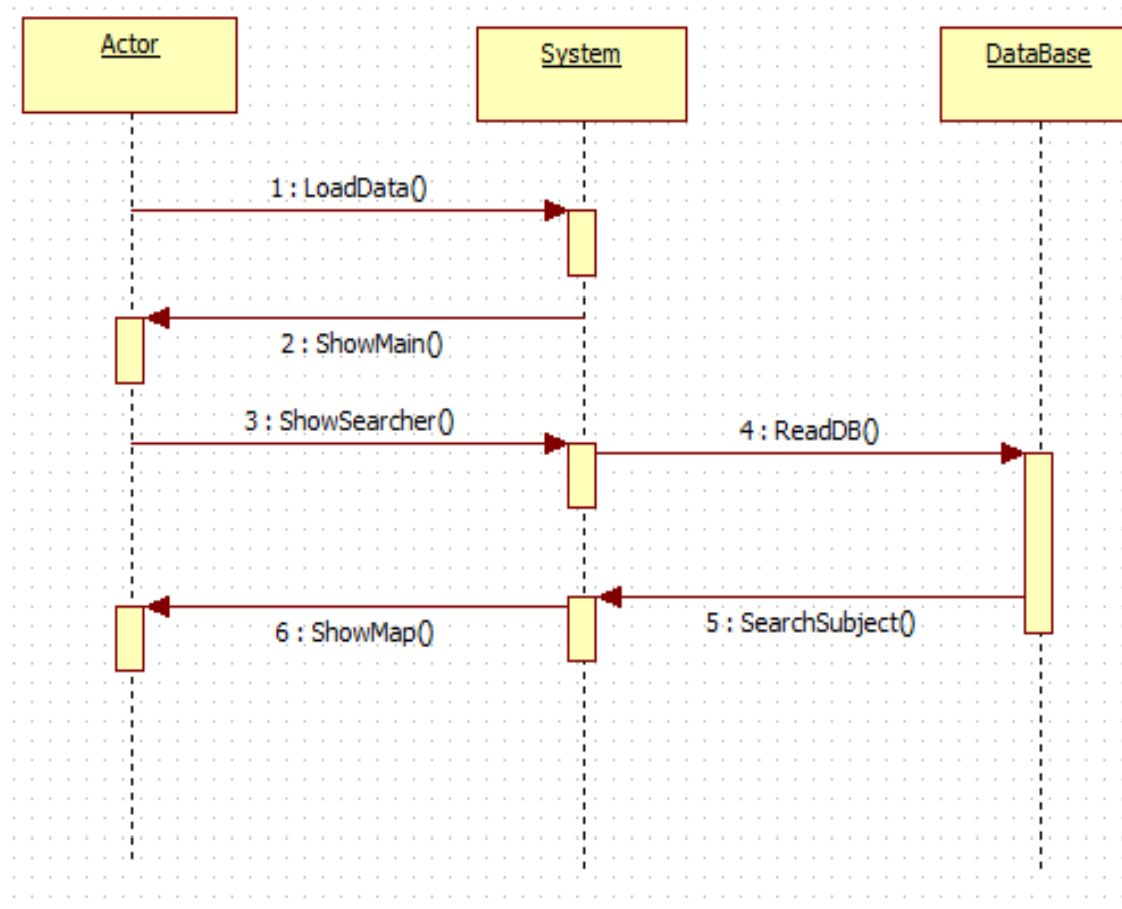


InterModule Description – Over All



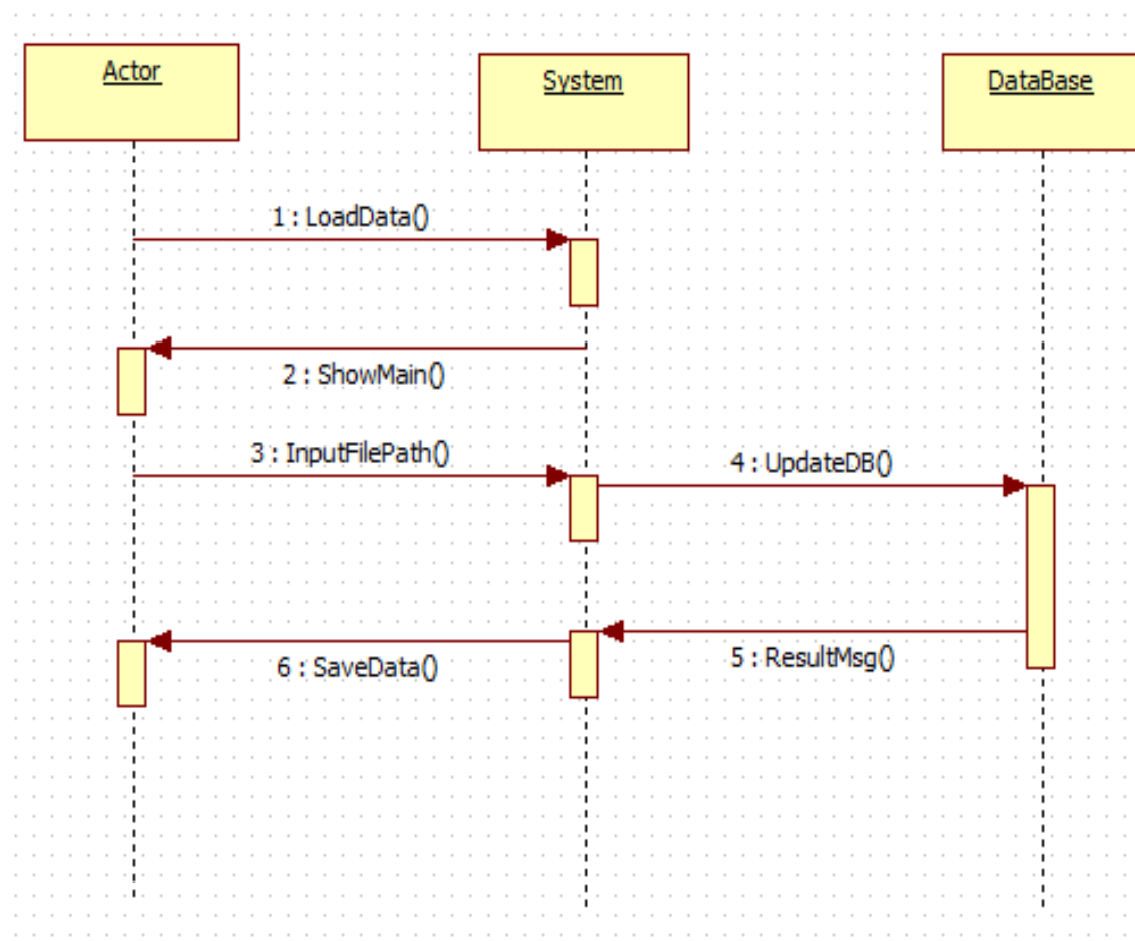
InterProcess Description

- ▶ Sequential Description for Displaying Map



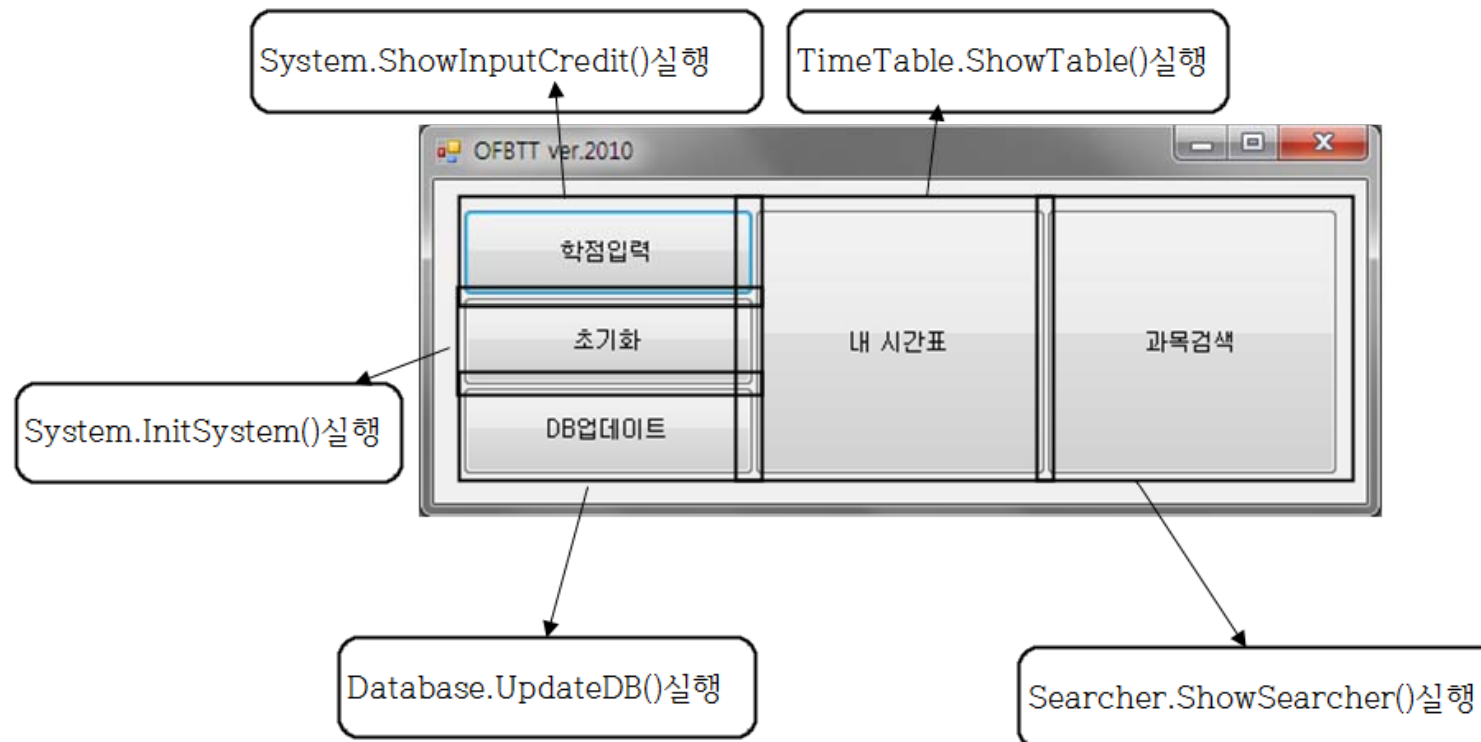
InterProcess Description

- ▶ Sequential Description for Displaying Map



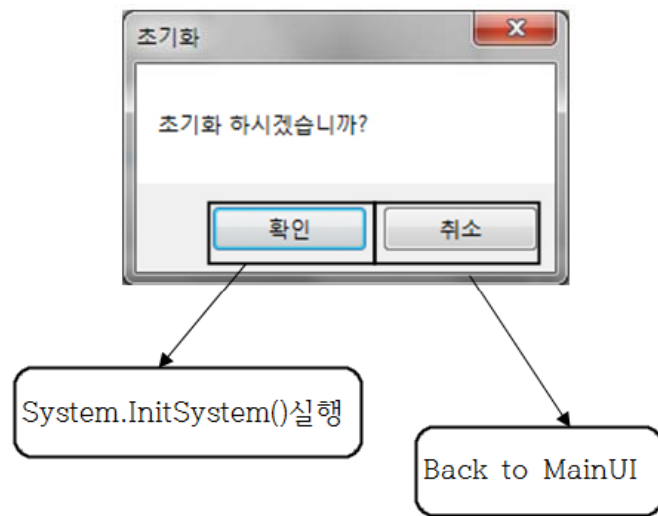
Interface Description

▶ Main UI

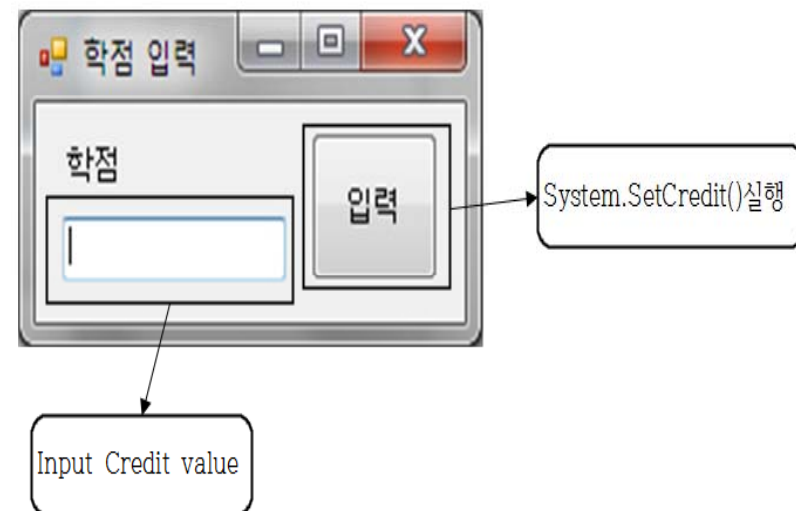


Interface Description

▶ Initiate System UI



▶ Set Credit UI



Interface Description

▶ ShowSearcher UI



▶ ShowSearcher UI

