**Design Patterns**

Tutor Application

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**Table of Contents:**

**UML Classes:**

User

Student Profile

Tutor Profile

DB\_Mgr

Tutor Application

Tutor Finder

Calendar

Date

Time

Tutor Pair

Login Form  
 Search

Profile Manager

Bank System

Bank Account

Make Payment

**Models:**

Create User Profile

Search Tutor

Calendar & Compare Schedules

Log In

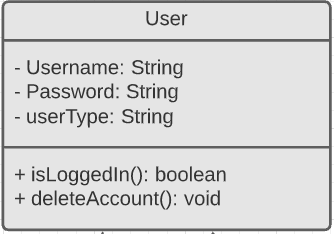
Students with similar tutors/subjects

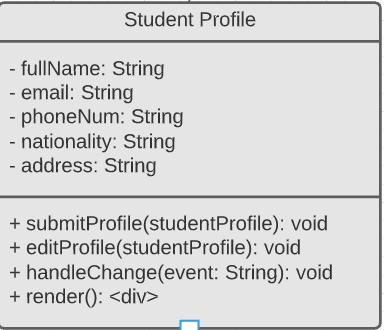
Direct Deposit Set up & Process User Payment

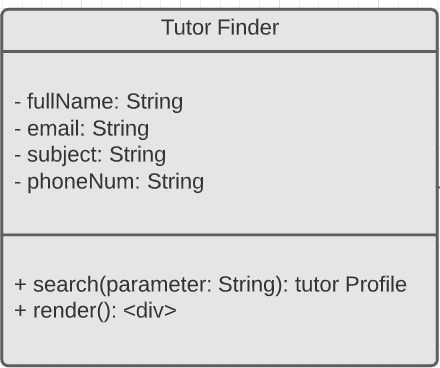
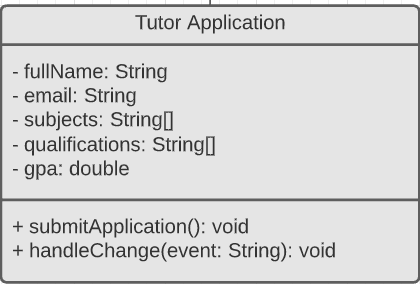
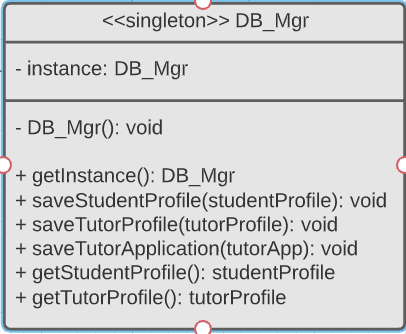
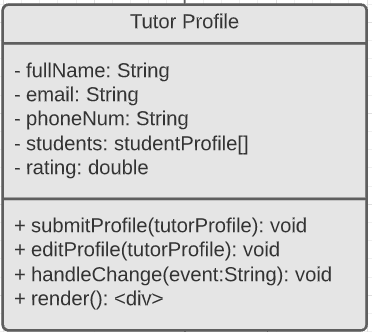
**Design Patterns:**

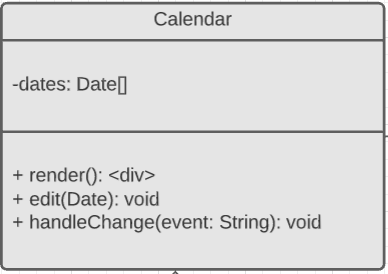
Singleton (DB\_Mgr)

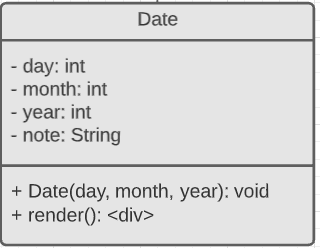
**UML Classes**

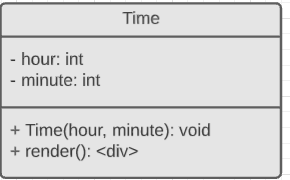
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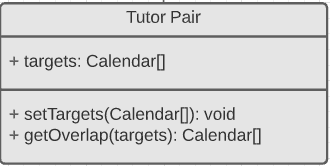
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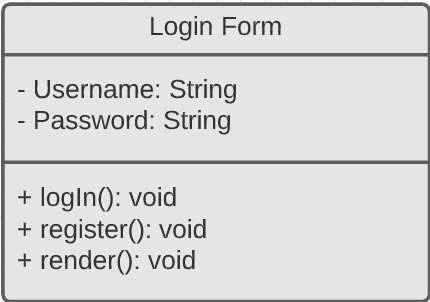
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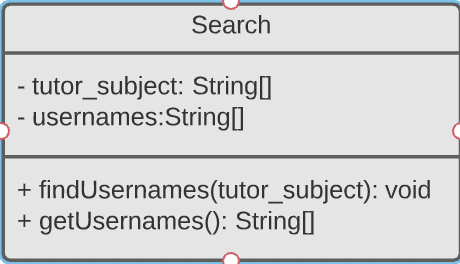
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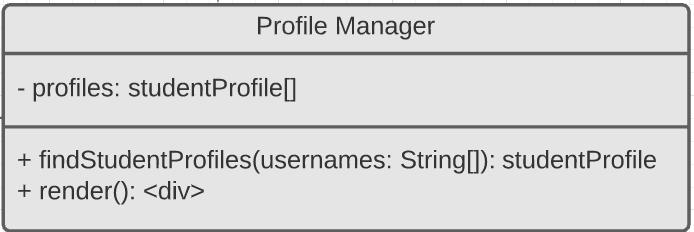
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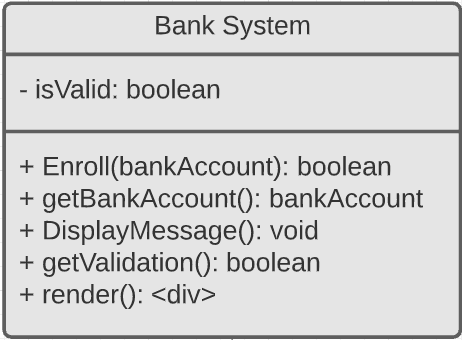
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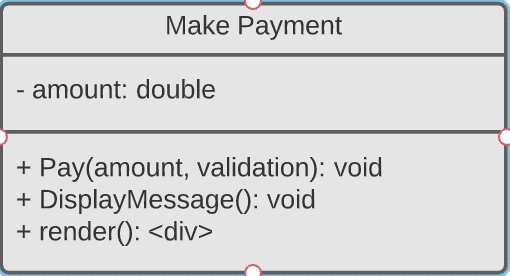
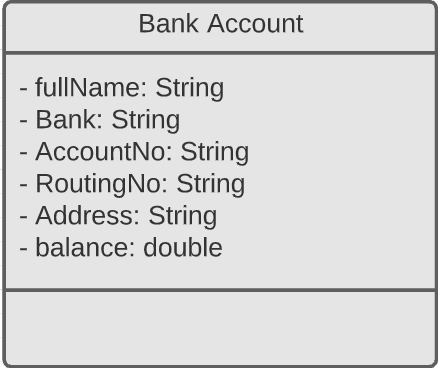
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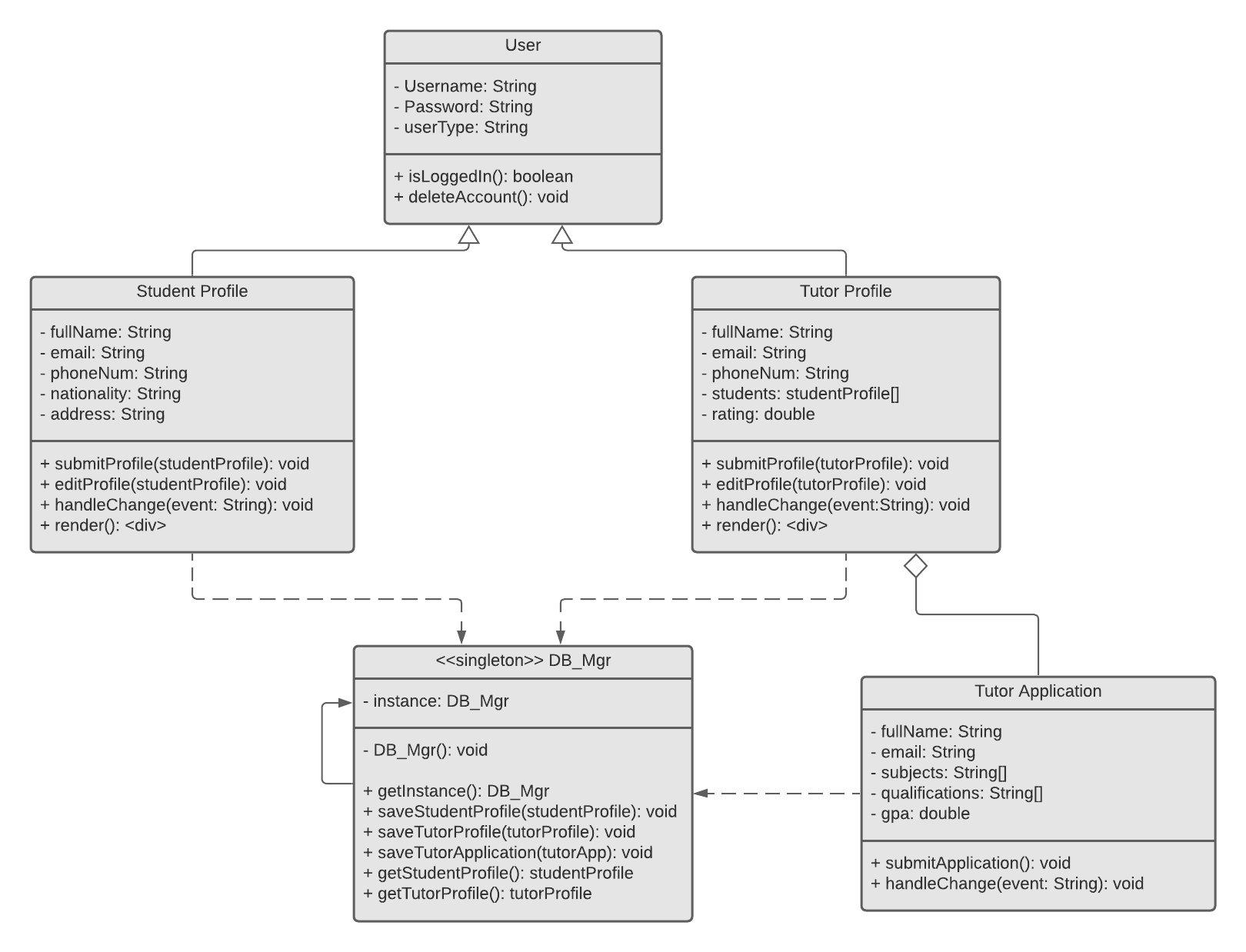
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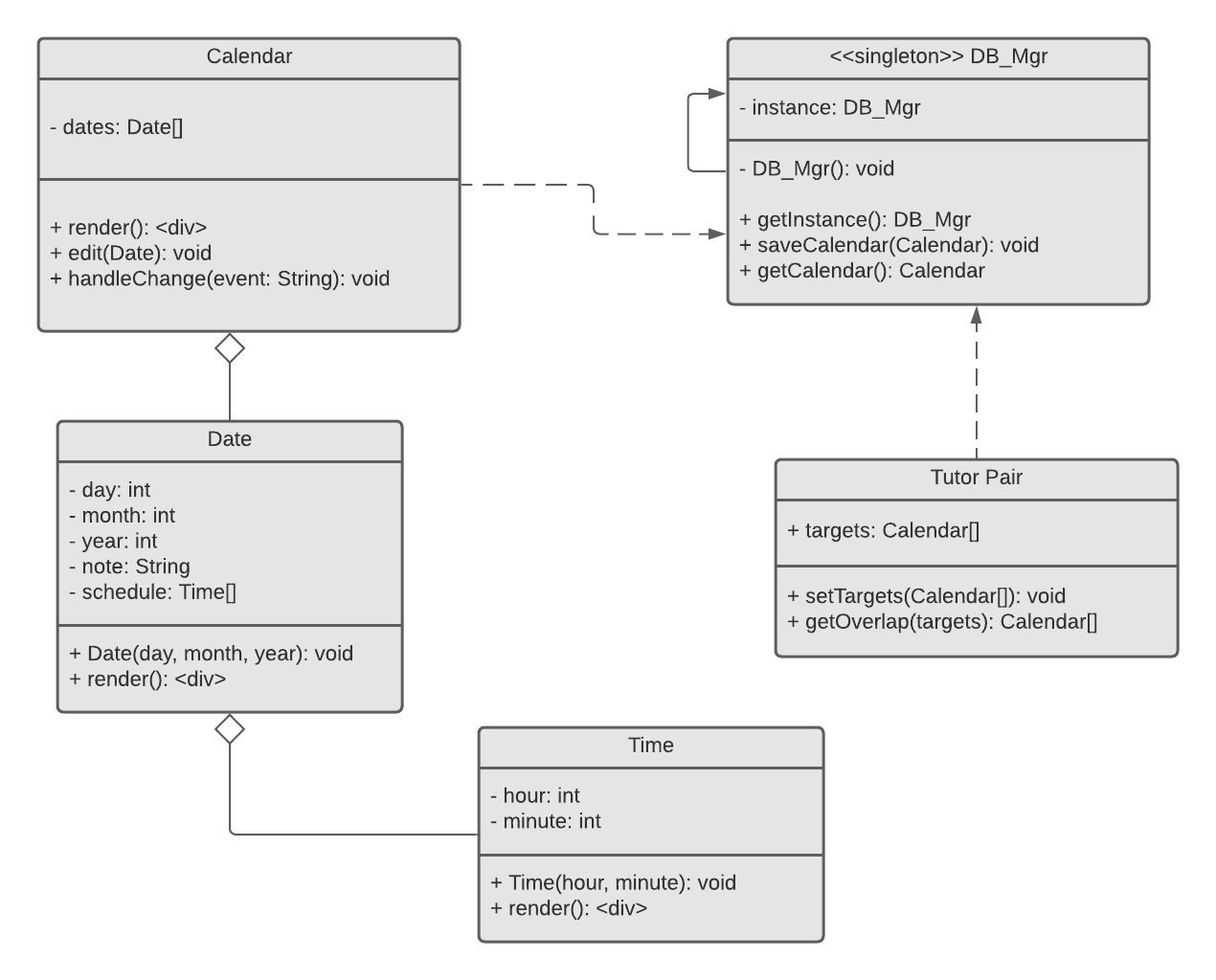
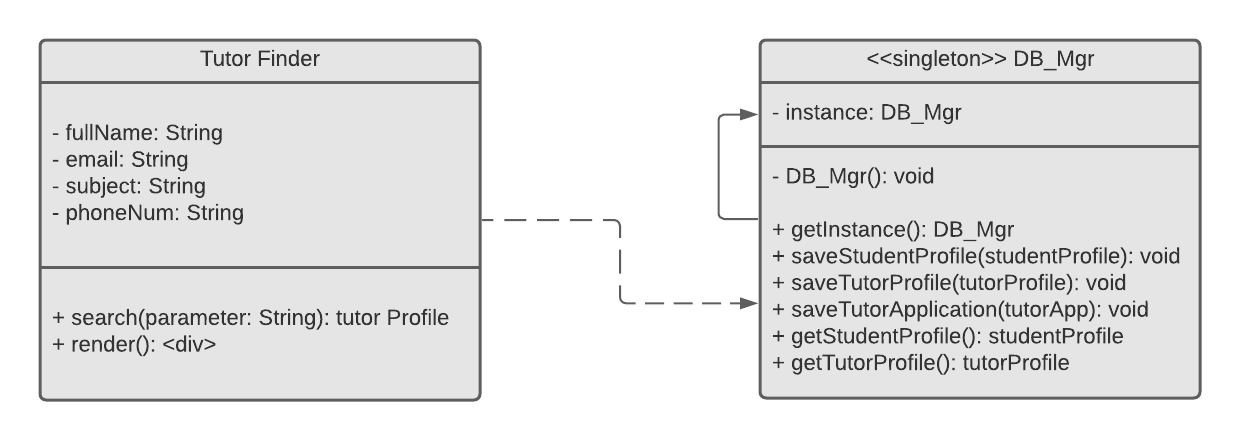
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**Models**

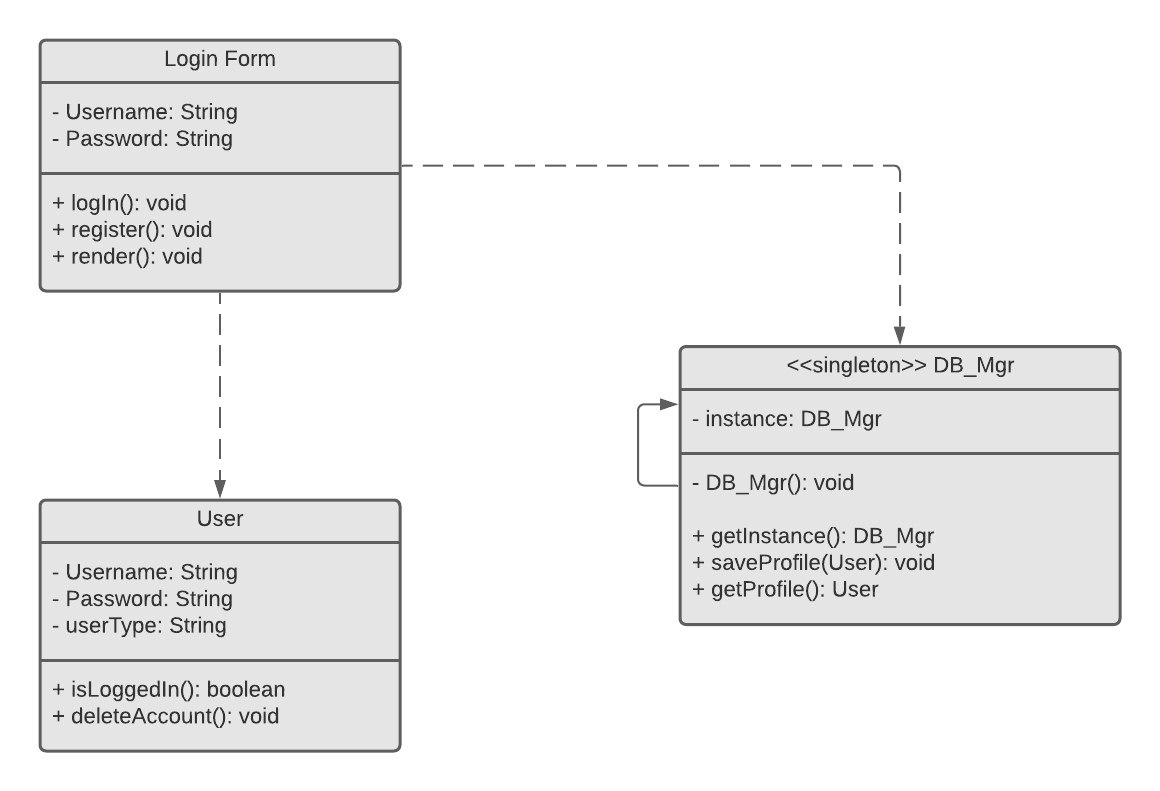
Create User Profile



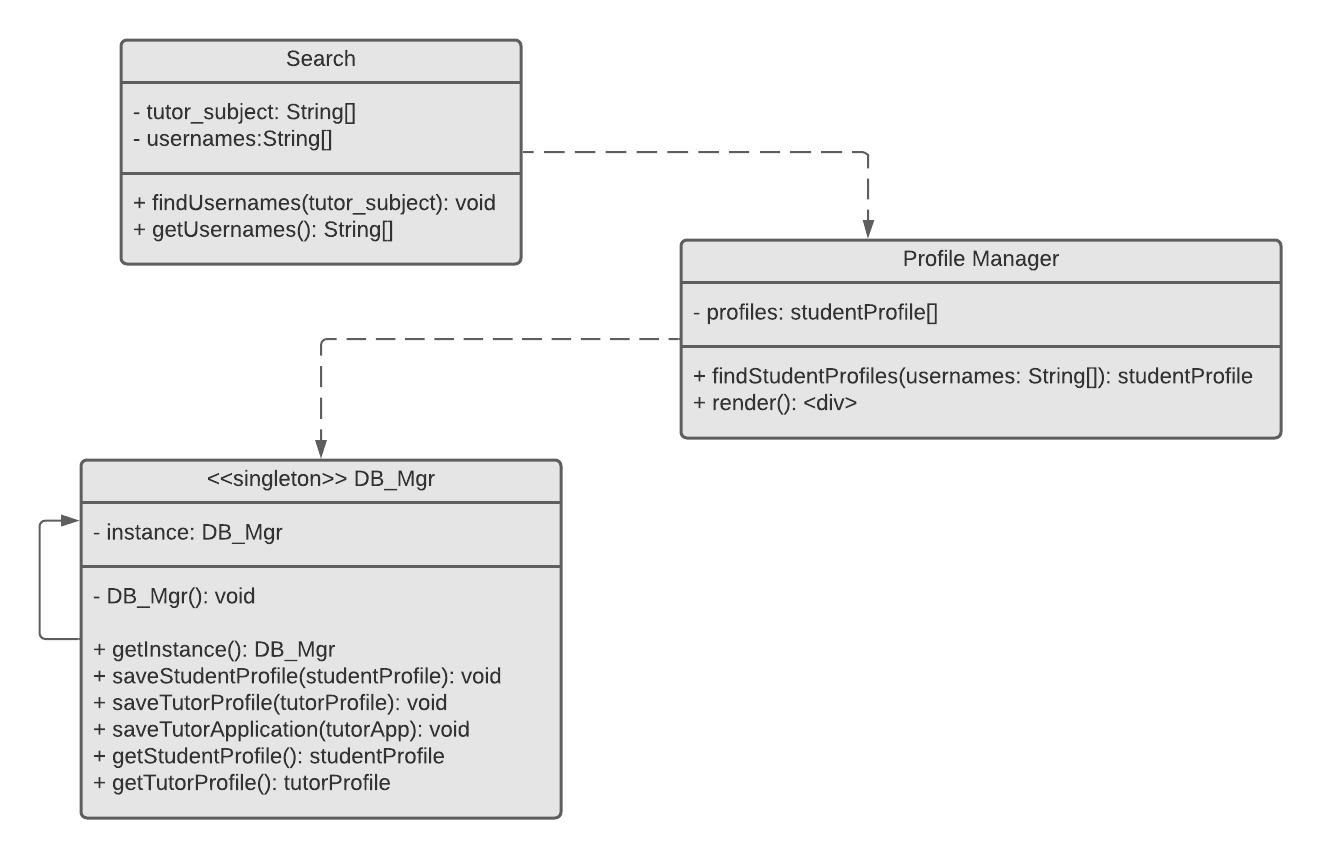
Search Tutor

Calendar & Compare Schedules

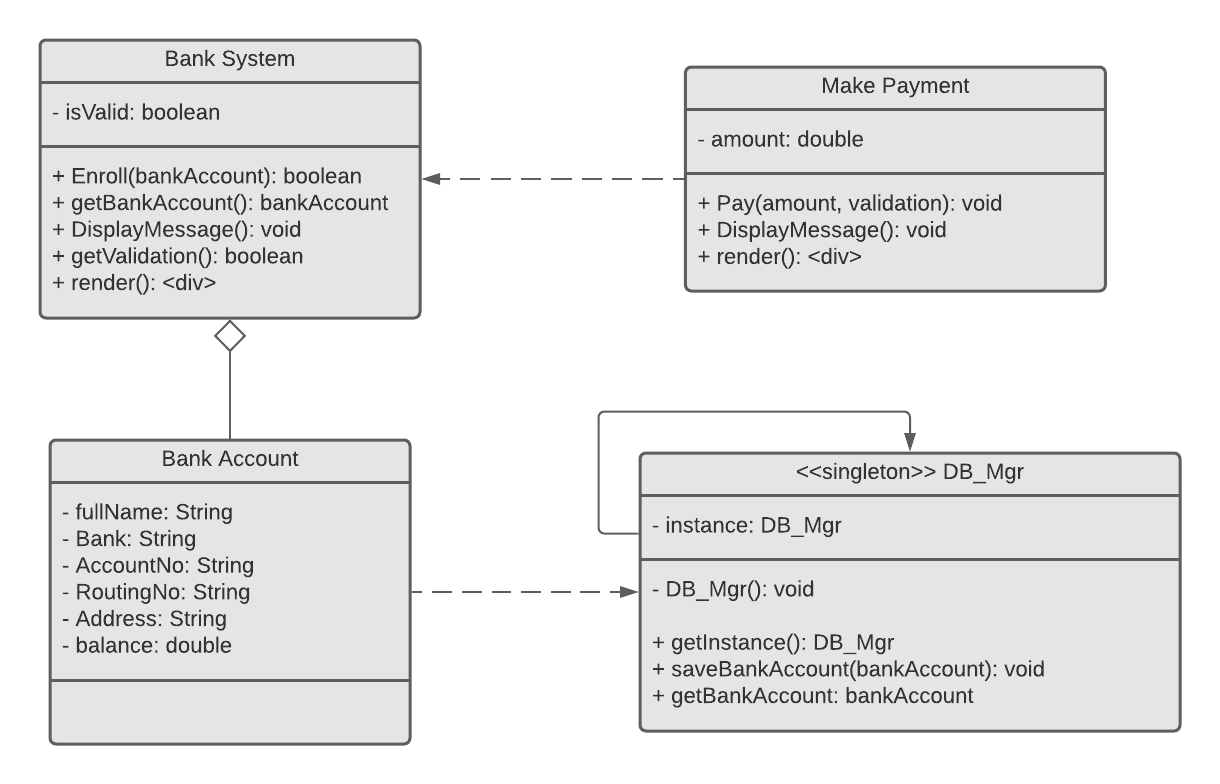
Log In



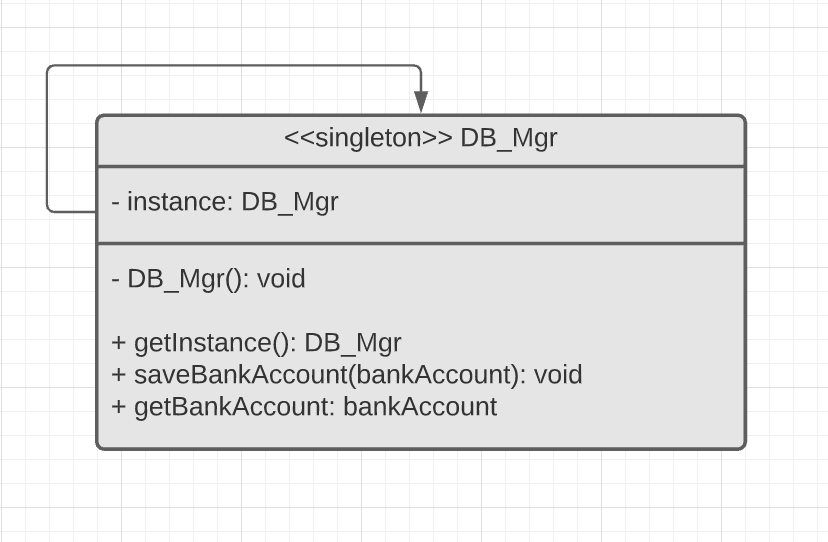
Students with similar tutor/subjects



Direct Deposit Set up & Process User Payment



**Design Patterns**

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* A singleton design pattern is used when we want to ensure that exactly one object is needed to coordinate actions across the system.