

# **Digital Pink Card**

## **Data Design Document**

Submitted to:

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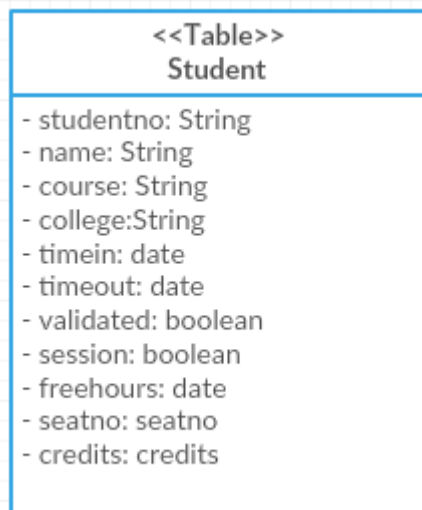
In partial fulfillment of academic requirements  
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of the  
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## ***Revision Control***

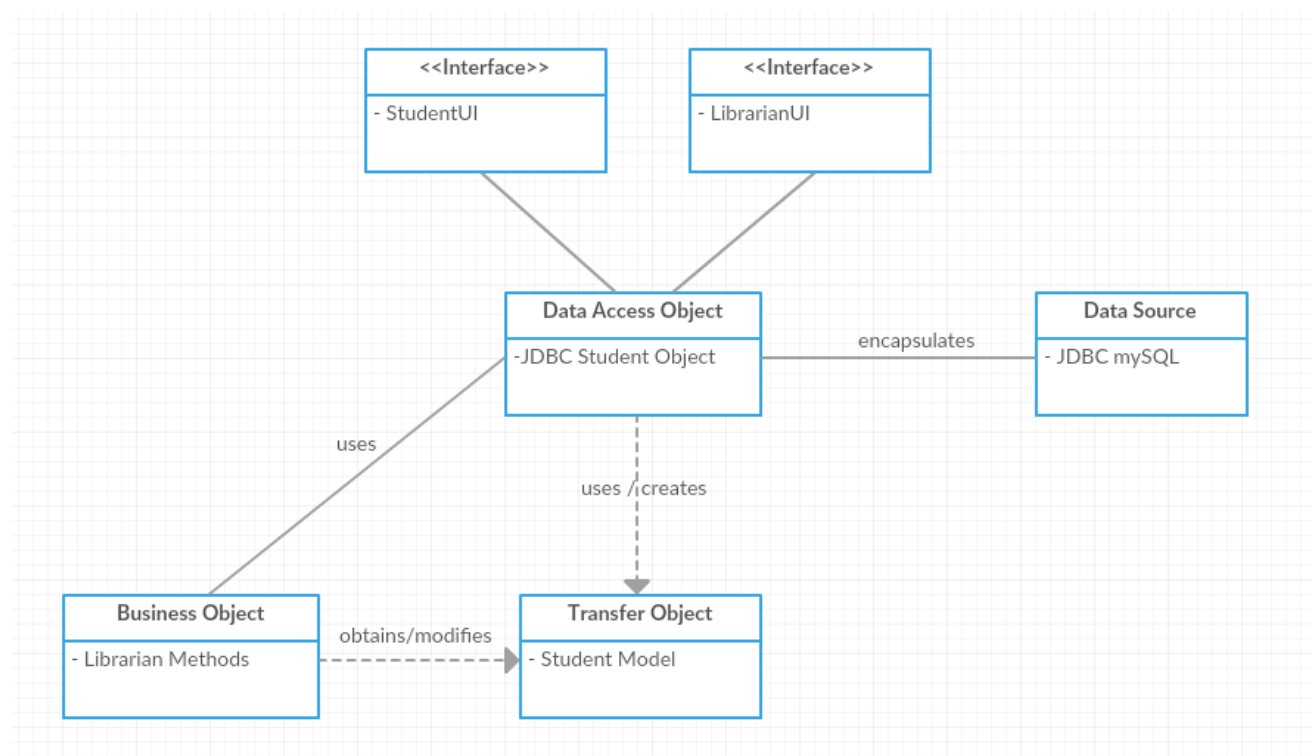
### ***History Revision:***

<b><i>Revision Date</i></b>	<b><i>Person Responsible</i></b>	<b><i>Version Number</i></b>	<b><i>Modification</i></b>
11/22/17	Carlos Adrian Daroya	1.0	Initial Document;

### Database Design:



### Data Design:



*Data Access Object (DAO) Classes:*

<b>Class Name</b>	<b>Description</b>
JDBCStudent	The mediator class that abstracts the data source the business object and transfer object

*TransferObject Classes:*

Class Name	Description
StudentModel	It represents the tables from the database; Used by both the Business Object and DAO

*List of Data Source:*

Data Source Name: TLCstudent

Description: It contains all the records for students of UPD. It is written in mySQL.

Sample Source File:

N/A

Sample Tables from the Database:

student no	name	course	college	time in	time out	validated	session	freehours	seatno	credits
string	string	string	string	date	date	boolean	boolean	date	int	float
PK										
2015-00000	Carlos Adrian Daroya	BS CS	Engineering	NUL L	NUL L	True	False	20	0	0
2015-00001	Pauline Ocampo	BS CS	Engineering	12:00	1:00	True	False	19	4	0
2015-00002	Jan Willem Cai	BS CS	Engineering	14:00	NUL L	True	True	20	8	0