

BOOK UP

Program Design Language

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In partial fulfillment of Academic Requirements
for the course
CS 191 Software Engineering I
of the
1st Semester, AY 2016-2017

Revision Control

History Revision:

<i>Revision Date</i>	<i>Person Responsible</i>	<i>Version Number</i>	<i>Modification</i>
11/17/16	Matthew Aycocho	1.0	Initial Document;

Program Specification: View Trade Matches

Input:

User - a user involved in the trade match

Output:

Book1 - book in trade match may be owned by User

Book2 - book in trade match owned by user if Book1 is not owned by User

Program Logic:

```
ViewTradeMatches(User) {  
    SELECT Book1,Book2 FROM TradeMatch,Book AS A,Book AS B WHERE  
    `Book1`=`A.BookID` AND `Book2`=`B.BookID` AND (`A.Username`=User OR  
    `B.Username`=User)  
}
```