Study Buddy

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Version: ____1.0____

USE CASE NAME:	Find Compatible Study Buddy	**USE CASE TYPE**
USE CASE ID:	#006	**Business Requirements: true**
PRIORITY:	High	**System Requirements: true**
PRIMARY BUSINESS ACTOR:	System	
OTHER PARTICIPATING ACTORS:	· Database · Student	
OTHER INTERESTED STAKEHOLDERS:	N/A	
SHORT DESCRIPTION:	This use case describes the matching process that occurs where the system will search through the database for a match whose basic personal information, studying preferences and time availability for a study session are most compatible with the student's.	

PRE-CONDITION:	1. The student is logged in.	
TRIGGER:	The student selects “Search” button	
TYPICAL COURSE	**Actor Action**	**System Response**
OF EVENTS:	**Step 1**: Student selects “Search button.	**Step 2**: System searches through the database for a logged in student whose studying preferences are fully compatible or at least one is compatible with the main user’s studying preferences.
		Step 3: System returns in a gallery view matches that are 100% compatible and matches that have at least one feature in common with the student’s preferences of academic year, gender, and major.
ALTERNATE COURSES:	N/A	
CONCLUSION:	The student receives the study buddy matches the system has found based on the student’s preferences.	
POST-CONDITION:	Studying partners (study buddies) matches have been found for the student.	
BUSINESS RULES:	N/A	

IMPLEMENTATION CONSTRAINTS AND SPECIFICATIONS:	1. No online/logged in students available to study. 2. Online students that are available to study do not match any of the student's studying preferences, in which the system prompts the student to select 'no preference' for less important preferences to increase their number of match suggestions.
ASSUMPTIONS:	1. There will be online students available to be matched up for studying most of the time.
OPEN ISSUES:	1. Students might not receive the most satisfactory matches that are 100% compatible to their preferences. The students must be made aware of this uncontrollable constraint before using the system.