

Study Buddy

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Version: 1.0

USE CASE NAME:	Find Compatible Study Buddy	USE CASE TYPE Business Requirements: true System Requirements: true
USE CASE ID:	#006	
PRIORITY:	High	
PRIMARY BUSINESS ACTOR:	System	
OTHER PARTICIPATING ACTORS:	<ul style="list-style-type: none">· 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:	<ol style="list-style-type: none"> 1. The student has selected studying preferences. 2. The student has scheduled a time, date and length for their study session. 	
TRIGGER:	The student has set their status to be active (default status setting is not-active).	
TYPICAL COURSE OF EVENTS:	Actor Action	System Response
	Step 1: Student changes status to active.	Step 2: System searches through the database for an online student whose studying preferences are most compatible with the main user's studying preferences
		Step 3: System returns available and most suitable options to student one by one.
ALTERNATE COURSES:	N/A	
CONCLUSION:	The student receives notifications of 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:	<ol style="list-style-type: none"> 1. No online 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:	<ol style="list-style-type: none"> 1. There will be online students available to be matched up for studying most of the time.
OPEN ISSUES:	<ol style="list-style-type: none"> 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.