

# Test Case

**Project Name:** Study Buddy

**Test Case ID:** #006

**Test Designed by:** Dania Herzalla

**Test Priority (Low/Medium/High):** High  
**Test Designed date:** 11.28.2020

**Module Name:** Find Compatible Study Buddy

**Test Executed by:** Dania Herzalla, Aisha Hodzic, Nadja Fejzic

**Test Title:** Find Compatible Study Buddy

**Test Execution date:** 12.7.2020

**Description:** This test will check the matching process that occurs between students.

**Objective:** This test will check the matching process that occurs between students where the system should be able to search through the database for a match with basic personal information, studying preferences, and time availability most compatible with the student's.

**Pre-conditions:** Test: enter studying preferences has been validated.

Step	Test Steps	Test Data	Expected Result	Actual Result	Status	Notes
1	Initiate study buddy searching process based on selected studying preferences.	Select "search" button	Screen displays results of matches compatible to the student as a gallery view. 100% compatible matches are displayed as well as almost 100% match.	Screen displays results of matches compatible to the student as a gallery view. 100% compatible matches are displayed as well as almost 100%	Pass	

				match.		
2	Checking id student who is initiating matching process is appearing as a suggested match.	<p>1. Select "Search" button after selecting studying preferences that all align with the student's study buddy preferences.</p> <p>2. Select "Search" button after selecting studying preferences of which one aligns with the student's study buddy preferences (trial once for gender, once for academic year and once for major).</p> <p>3. Select "Search" button after selecting studying preferences of which 2 out of three align with the student's</p>	Student initiating matching process does not appear as a suggested match under any circumstance.	<p>Version 1: Student who was initiating matching process was appearing as a suggested match by the system if any or all of their basic personal information saved in the database matched up with their preferences in a study buddy.</p> <p>Version 2: bug has been fixed. Student initiating matching process does not appear as a suggested match.</p>	Version 1: Fail Version 2: Pass	

		study buddy preferences (trial for gender & major, gender & academic year, academic year & major, ).				
3	100% matches displayed on screen are accurate system matches to students selected preferences.	Check database of suggested 100% matches to see if all their information aligns fully with the student's latest study partner preferences.	The study buddy suggested as a 100% match has basic personal information in the database that 100% aligns with the studying preferences that the student has selected.	The study buddy suggested as a 100% match has basic personal information in the database that 100% aligns with the studying preferences that the student has selected.	Pass	If no preference selected as a studying preference by the student, any basic personal information of the study buddy is valid.
4	Matches that are not fully compatible but are still compatible are accurate system matches to students selected preferences.	Check database to see if suggested match who is not 100% compatible aligns with at least one preference category of the student's preferences.	The study buddy suggested as a compatible match up to an extent has at least one of the basic personal information categories that aligns with the studying preferences that the student has selected.	The study buddy suggested as a compatible match up to an extent has at least one of the basic personal information categories that aligns with the studying preferences that the student has selected.	Pass	Matches that are not fully compatible but are still compatible: if at least one of the study buddies information of gender, major or academic year aligns with any one of student's preferences.
5	Checking for repeatability of suggested study buddies in the gallery view of suggested matches.	Select "Search" option. For the returned matches under any type of study buddy preference selection, check if there is repeated study buddies – to	A suggested match does not appear twice anywhere.	Version 1: The 100% match appears in the almost 100% match; is suggested twice.  Version 2: No study buddy	Version 1: Fail Version 2: Pass	

		<p>check for both categories of '100% match' and 'almost 100% match'.</p> <p>This is trialed for:</p> <p>1. all no preference. (gender: no pref, major: no pref, year: no pref)</p> <p>2. some no preferences (gender: no pref, major: psychology, year: no pref – trialed for all combinations)</p> <p>3. all categories have a selected option for gender, year and major (gender: female, major: economics, year: 2021)</p>		repeatability.		
6	Checking if system matches student with any student in system or only with students who are online (logged in)	Select "Search" button. Check status of suggested study buddies in database and confirm with the user if logged into account.	The only students suggested by the system as study buddies are students who are online (logged into their account on our system) which is indicated in the database.	The only students suggested by the system as study buddies are students who are online (logged into their account on our system) which is indicated in the database.	Pass	

**Post-conditions:** Studying partners (study buddies) matches have been found for the student and are displayed on the screen with their emails for the student to choose from and contact.