## **Test Cases**

## Dods:

Product Owner review approved.
Code has been peer-reviewed.
Functionality tests passed based on ACs.
Regression testing passed.
The program has been testing on Windows 10 PC.

## Note:

Regression test: Redo all previous tests and make sure the results are identical.

Test Case ID	PBI.AC covered	Preconditions	Steps	Test data	Expected result	Actual result	Regression test result
1.1	PBI 1 AC1.1	The user in the main page AND the program hasn't read the data yet.	1. User clicks the "Upload file" button。		Show file dialog	test data 2022/9/21 20:38 File folder  Lest data 2022/9/23 8:56 Microsoft Excel C 11 KB  Led data.csv 2022/9/23 8:45 Microsoft Excel W 25 KB  Supported file (*.xlsx;*.csv)   Copen Cancel	PASS
1.2	PBI 1 AC1.2	The user is in the file dialog and has selected the valid file.	1. User has clicked the "open" button	sprint 1 data.csv	Show success dialog	Success  Success  Read data success from data.csv.	PASS
1.3	PBI 1 AC1.3	The user in the file dialog and selects an invalid file.	1. User clicks the "open" button。	test case 1.3.csv	Show error dialog	Load data from "test case 1.3.csv" failed. File format incorrect. Check your columns.  OK	PASS

Test Case ID	PBI.AC covered	Preconditions	Steps	Test data	Expected result	Actual result	Regression test result
2.1	PBI 2 AC 2.1	The user is on the main page	1. The user clicks the "Upload file" button		Show file dialog	ation of dataxisx  2022/9/23 8:45 Microsoft Excel V 11 KB  Will dataxisx  2022/9/23 8:45 Microsoft Excel W 25 KB   ame: dataxisx  Supported file (*xisc;*.csv)   Open Cancel	PASS
2.2	PBI 2 AC 2.2	The user in the file dialog and the selects a valid file	1. The user clicks the "open" button	sprint 1 data.xlsx	Show success dialog	Success  Read data success from data.xlsx.  OK	PASS
2.3	PBI 2 AC 2.3	The user in the file dialog and the selects a valid file.	The user clicks the "open" button	test case 2.3.xlsx	Show error dialog	Load data from "test case 2.3.xlsx" failed. File format incorrect. Check your columns.	PASS

Test Case ID	PBI.AC covered	Preconditions	Steps	Test data	Expected result	Actual result	Regression test result
3.1	PBI 3 AC 3.1	The user has already uploaded the data and no teams were created and data meets the requirements of at least 5 people.	1. the user clicks the "create teams" button.	sprint 1 data.xlsx	The teams will be generated based on the dataset.	Create team successful.  The total number of teams is 9.	PASS

3.2 PBI 2 AC 3.2	The user has already uploaded the data and no teams were created and the data does not guarantee that the number of teams created will be at	test case 3.2.xlsx  The error dialog "Too few people" will be displayed.	\$467116 \$6776252 \$7894303 \$8051990 \$6782273 \$5183473 \$6824523	Erick Sims Ida York Dolores Allen Gale Garner Mohammad Hodge Leon Post Dorothy Galvan
			s17897 s1111111 Workshop: 02 Team name: Team-4 s1424730 s2460166 s312851 s2665191	Elba West Basil Little  Christian Stephens Hector Dominguez Myrtle A. Crawford Donnie Blankenship Nelson Oneal
			Team name: Team-2 s6365454 s5555555 s4548782 s44444442 s3333333 Team name: Team-3	Ray Ponce Bonnie R. Johnson On Hou  Bryant Joyce Taylor Terry Edmundo Lambert Elton Krause Timothy Whitaker  Harry Potter Carlo Dixon Benjamin G. Mick Spencer Sheppard
			Workshop: 01 Team name: Team-1 s6375414 s7778485 s901496	Ruth R. Aguon Kirk Donovan Lucie Svobodov

Test Case ID	PBI.AC covered	Preconditions	Steps	Test data	Expected result		Actual result	Regression test result
4.1	PBI 4 AC 4.1	The user has uploaded the data and no teams were created and data meets the requirements of at least 5 people	1. The user clicks the "create teams" button	sprint 1 data.xlsx	The teams will be generated based on the dataset.	Workshop: 02 Team name: Team-4	Christian Stephens Hector Dominguez Myrtle A. Crawford Donnie Blankenship Nelson Oneal  Erick Sims Ida York Dolores Allen Gale Garner Mohammad Hodge Leon Post Dorothy Galvan  Martha Buckley Sybil Arellano Grace Lee Angeline Mcclure Diann Reynolds Gail Caldwell Mario Weber  Karin Hurd Stan Watts Brandi Bryan Elizabeth Preston Felicia Bradford Ted Krause Perry Ellison	PASS

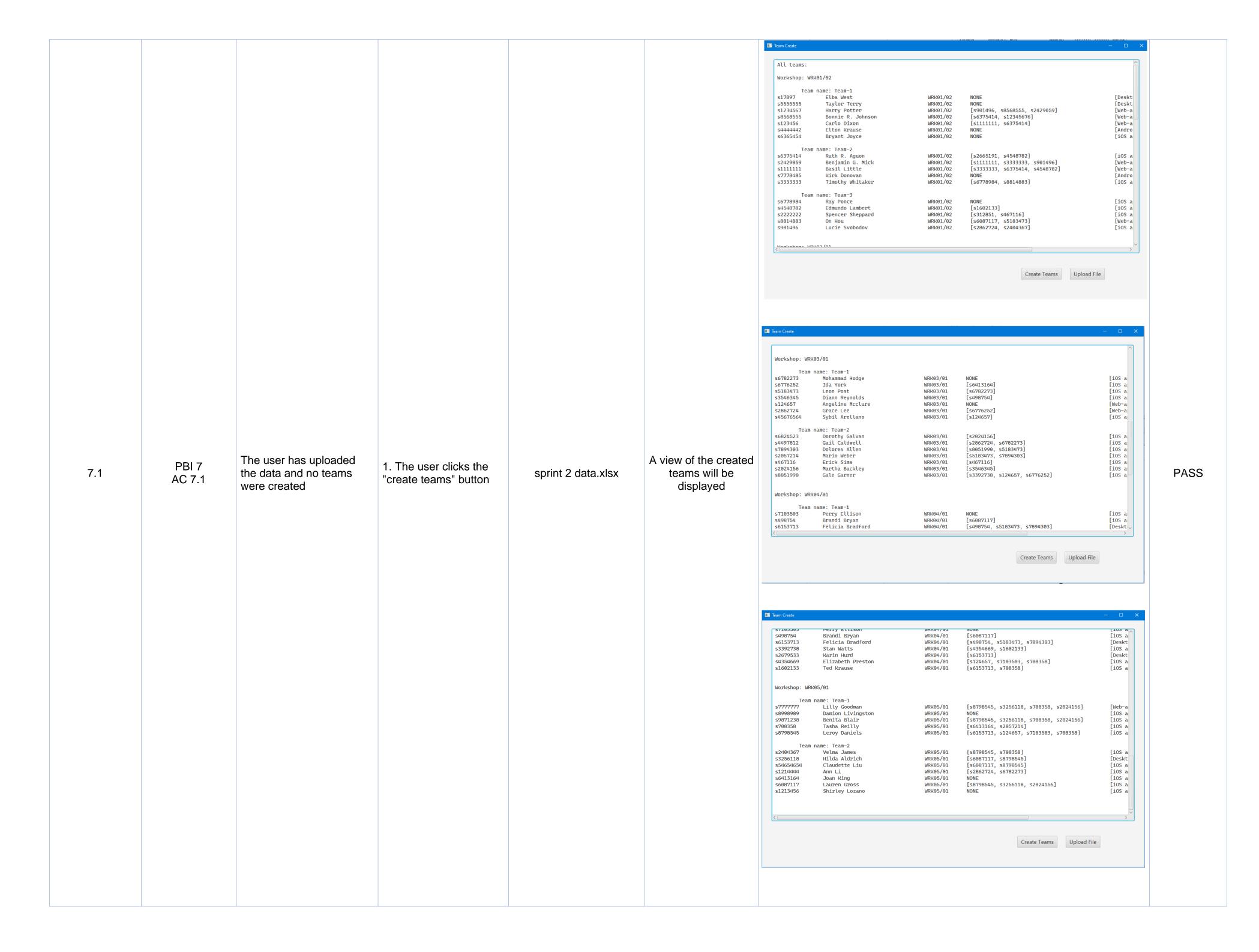
4.2 PBI 4 AC 4.2	The user has uploaded the data and no teams were created and the data does not guarantee that the number of teams created will be at most 7 people.  1. The user clicks the "create teams" button people.	The error dialog test case 4.2.xlsx "cannot create team" will be displayed	Create team failed.  Workshop "01" have no way to create teams. When the minimum number of students is 5, the maximum is 7 and the total number of students is 8.	PASS
---------------------	---	--	---	------

Test Case ID	PBI.AC covered	Preconditions	Steps	Test data	Expected result	Actual result	Regression test result
5.1	PBI 5 AC 5.1	The user has uploaded a file	1. The user clicks the "create teams" button.	sprint 1 data.xlsx	The teams will be generated based on their workshop class.	Create team successful.  The total number of teams is 9.	PASS

Test Case ID	PBI.AC covered	Preconditions	Steps	Test data	Expected result	Actual result	Regression test result
6.1	PBI 6 AC 6.1	The user has uploaded a file AND the data can generate maximum number of teams in a workshop does not exceed 5.	1. The user clicks the "create teams" button.	sprint 1 data.xlsx	The application will generate teams based on dataset.	Create team successful.  The total number of teams is 9.	PASS

Mortischop: 61   Tean name: Team-1   SST/9141   Sath R. Aguen   SST/9142   Sath R. Aguen   SST/9142   Sath R. Aguen   SST/9142   Sath R. Aguen   SST/9144   SST/914		All teams:			
Team name: Team-1 63794114 Ruth R. Apjun 63794124 Ruth R. Apjun 6379		ALL LEAMS.			
Tea nam: Team-1		Workshop: 01			
## 1. The user has already uphosed she alle and the date and any uphosed she alle and the date a					
### 1	n				
## A Parent dialog **TOP 10 Parent Page   Pa					
### Septions   Seption   S					
Septimization   Septimizatio					
Seption   Sept	anson	_			
Team name: ream-2   sujududud   Elton Krause   sujududud   Stephen   Sido69494   Bryant Joyce   signature   Sido69494   Bryant Joyce					
### 12   ###	10				
### 1. ##					
### Bryant Joyce ### \$18333333 Timothy Whitaler \$1833333 Timothy Whitaler \$1833333 Timothy Whitaler \$1833333 Timothy Whitaler \$183333 Timothy Whitaler \$18300 Team name: Team-3 \$184005 September \$18211111 September \$1821111 September \$1821111 September \$18211111 September \$18211111 September \$18211111 September \$18211111 September \$182111111 September \$18211111 September \$182111111 September \$18211111 September \$1821111 September \$18211111 September \$18211111 September \$182111111 September \$18211111 September \$182111111 September \$182111111 September \$18211111 September \$182111111 September \$18211111					
### Salivation					
S5555555 Taylor Terry  Tean name: Team-3  22222222 Spencer Sheppard 13234567 13234567 13234567 13234567 13234567 1323456 Carlo Dixon 17897 Elba West  2406166 Hector Dowlingues 25265191 Domnie Blankensh 25169191 Domnie Blankensh 251265191 Domnie Blankensh 251265191 Domnie Blankensh 251265191 Domnie Blankensh 25168191 Domnie Blankensh 25182713 Kohamad Hodge 4776050 Tria Varu  The user has already uploaded the file and the data can generate maximum number of adata can generate maximum number of maximum number of maximum number of learns in a workshop more learn					
Team name: Team-3   S2429999   Benjamin G. Nick   S1111111   Basil Little   S2222222   Spencer Sheppard   S1234567   Harry Potter   S123456   Carlo Dixon   S17897   Elba West   S1246916   Carlo Dixon   S17897   Elba West   S246916   S246916   S246916   Carlo Dixon   S2669191   Donnie Blankensh   S246916   Carlo Dixon   S2669191   Donnie Blankensh   Myrtle A. Crawfo   Workshop: 03   Team name: Team-5   S6824523   Dorothy Galvan   S5183473   Leon Post   Mohammad Hodge   Carlo Dixon   Carlo Dixon   S6782273   S6782273   Carlo Dixon   S678227		_			
\$2429059 Benjamin G. Mick shall Little Sazil Little S2222222 Spencer Sheppard S1234567 Harry Potter S123456 Carlo Dixon S17897 Workshop: 02  Team name: Team-4 S1424739 Christian Stephen S2466166 Hector Dominguez S7224712 Nelson Oneal S1426739 Christian Stephen Hector Dominguez S7224712 Nelson Oneal S1426739 Christian Stephen Hector Dominguez S7224712 Nelson Oneal S1426739 Domine Blankensh S312851 Myrtle A. Crawfo Workshop: 03  Team name: Team-5 S6824523 Dorothy Galvan S5183473 Leon Post S6782273 Mohammad Nodge K67767872 Tria Voriu					
6.2 PBI 6 AC 6.2 PBI 6 AC 6.2 PBI 6 AC 6.2 PBI 6 ac AC 6.2					
6.2 PBI 6 AC 6.2 PBI 6 AC 6.2 PBI 6 ac 6.2 AC 6.2 PBI 6 ac 6.2 Ac 6.2 PBI 6 ac 6.2 ac					
6.2 PBI 6 AC 6.2 AC 8.2 AC 8		s1111111 Basil Little			
6.2 PBI 6 AC 6.2  AC 6.2  AC 6.2  AC 6.2  AC acro Dixon s17897  Base test case 6.2.xlsx  S123456 S17897  Base test case 6.2.xlsx  S124713 S2665191 S124730 Christian Stepher s2466166 Hector Dominguez S72247112 Selba West S2466166 Hector Dominguez S7224712 Selba Workshop: 63 Team name: Team-5 S6824523 Dorothy Galvan Leon Post Hohammad Hodge S776273 Hohammad Hodge S776273 To many teams.  To many teams.  To many teams.	pard	s2222222 Spencer Sheppard			
8.2 PBI 6 AC 6.2 Team name: ready uploaded the file and the data can generate maximum number of teams in a workshop more		s1234567 Harry Potter			
6.2 PBI 6 AC 6.2 PBI 6 AC 6.2 PBI 6 maximum number of teams in a workshop more teams in a workshop more teams in a workshop more teams a workshop more teams in a workshop more teams to the teams in a workshop more teams to the teams to t		s123456 Carlo Dixon			
6.2 PBI 6 AC 6.2 PBI 6 AC 6.2 PBI 6 AC 6.2 PBI 6 at a can generate maximum number of teams in a workshop more reason in a workshop more reason is a workshop more reason. The user has already uploaded the file and the data can generate maximum number of teams in a workshop more reason. The user clicks the "create teams" button.		s17897 Elba West			
6.2 PBI 6 AC 6.2 PBI 6 ada can generate maximum number of teams in a workshop more create teams" button.  1. The user clicks the "create teams" button.		Workshop: 02			
6.2 PBI 6 AC 6.2 PBI 6 AC 6.2 PBI 6 ac an amum number of teams in a workshop more		Team name: Team-4			
6.2 PBI 6 AC 6.2 PBI 6 AC 6.2 PBI 6 AC 6.2 PBI 6 a workshop more teams in a workshop more teams teams team teams teams teams team teams teams teams team teams t	ephens	s1424730 Christian Stephens			
6.2 PBI 6 AC 6.2 PBI 6 AC 6.2 PBI 6 AC 6.2 PBI 6 around which are a generate maximum number of teams in a workshop more teams.	juez	s2460166 Hector Dominguez			
S2665191 Donnie Blankensh.  Myrtle A. Crawford  Workshop: 03  Team name: Team-5  s6824523 Dorothy Galvan  s5183473 Leon Post  Mohammad Hodge  s6776250 Tda Yorlu  The user has already uploaded the file and the data can generate maximum number of teams in a workshop more teams in a workshop more  1. The user clicks the "create teams" button.  test case 6.2.xlsx  An error dialog "Too many team" is displayed to the user.  Too many teams.  Too many teams.					
6.2 PBI 6 AC 6.2  AC 6					
6.2 PBI 6 AC 6.2 The user has already uploaded the file and the data can generate maximum number of teams in a workshop more					
Figure 1. The user has already uploaded the file and the data can generate maximum number of teams in a workshop more teams in a workshop more and the data can generate maximum number of teams in a workshop more and the data can generate maximum number of teams in a workshop more teams in a workshop workshop workshop more teams in a workshop workshop workshop workshop workshop workshop worksho					
6.2 PBI 6 AC 6.2 The user has already uploaded the file and the data can generate maximum number of teams in a workshop more teams in a workshop more					
6.2 PBI 6 AC 6.2 PBI 6 AC 6.2 PBI 6 maximum number of teams in a workshop more reader teams in a workshop more and a workshop more reader teams in a workshop	an .				
6.2 PBI 6 AC 6.2 The user has already uploaded the file and the data can generate maximum number of teams in a workshop more teams.  An error dialog "Too many team" is displayed to the user.  Too many teams.	111				
6.2 PBI 6 AC 6.2 The user has already uploaded the file and the data can generate maximum number of teams in a workshop more 1. The user clicks the "create teams" button.					
6.2 PBI 6 AC 6.2 The user has already uploaded the file and the data can generate maximum number of teams in a workshop more  1. The user clicks the "create teams" button.  1. The user clicks the "create teams" button.  1. The user clicks the "create teams" button.  Too many teams.  An error dialog "Too many team" is displayed to the user.	je				
The user has already uploaded the file and the data can generate maximum number of teams in a workshop more  The user has already uploaded the file and the data can generate maximum number of teams button.  1. The user clicks the "create teams" button.  **test case 6.2.xlsx**  The user has already uploaded the file and the data can generate many team" is displayed to the user.  **Too many teams.**  Too many teams.**  Too many teams.**		Sh77b252 Tha York			
AC 6.2 maximum number of teams in a workshop more teams button.  "create teams" button.  "test case 6.2.xisx displayed to the user.  Too many teams.	×		An error dialog "T	uploaded the file and the	
	OK		displayed to the	maximum number of "create teams" button. teams in a workshop more	

Test Case ID PBI.AC covered	Preconditions	Steps	Test data	Expected result	Actual result	Regression test result



Test Case ID	PBI.AC covered	Preconditions	Steps	Test data	Expected result	Actual result	Regression test result
8.1	PBI 8 AC 8.1	The user has uploaded the data and no teams were created and the student in dataset nominates from 0 to 6 students as their preference.	1. The user clicks the "create teams" button	sprint 2 data.xlsx	The application will then generate teams based on the data set, considering the people they nominate.	All teams:  Workshop: WRK01/02  Team name: Team-1  suuuuuu Elton krause WRK01/02 NONE  S5555555 Taylor Terry WRK01/02 NONE  S6365454 Bryant Joyce WRK01/02 [S1234567, \$1111111, \$44444442, \$55555555, \$17897, 88568  S1111111 Basil Little WRK01/02 [S1234567, \$1111111, \$44444442, \$55555555, \$17897, 88568  S1111111 Basil Little WRK01/02 [S3333333, \$901496, \$63754114, \$4548782] [Web-a]  Team name: Team-2  Team name: Team-2  S7778485 Kirk Donovan WRK01/02 NONE [Andro \$17897] Elba West WRK01/02 NONE [Deskt WRK01/02 NONE [Deskt WRK01/02 [S6369484, \$123456, \$17897]] [IGS a]  \$3333333 Timothy Whitaker WRK01/02 [S6778984], \$8814883] [IGS a]  \$63757414 Rth R. Aguon WRK01/02 [S65091], \$3834972] [IGS a]  \$63757414 Rth R. Aguon WRK01/02 [S65091], \$3834972] [IGS a]  \$63735414 Rth R. Aguon WRK01/02 [S1111111, \$3333333, \$901496] [Web-a]  \$52429659 Benjamin G. Mick WRK01/02 [S1111111, \$3333333, \$901496] [Web-a]  Team name: Team-3  \$6778984 Ray Ponce WRK01/02 [S814883, \$312851, \$467116] [IGS a]  \$68144883 On Hou WRK01/02 [S814883, \$312851, \$467116] [IGS a]  \$8814883 On Hou WRK01/02 [S814883, \$12851, \$467116] [IGS a]  \$8814883 On Hou WRK01/02 [S409117, \$5183473] [Web-a]  \$84548782 Edmundo Lambert WRK01/02 [S409113] [Veb-a]  \$100	PASS
8.2	PBI 8 AC 8.2	The user has uploaded the data and no teams were created and the student in dataset nominates more than 6 people.	1. The user clicks the "create teams" button	test case 8.2.xlsx	An error dialog "Too many nominate people" is displayed to the user.	Create team failed.  Too many nominate people.  OK	PASS
Test Case ID	PBI.AC covered	Preconditions	Steps	Test data	Expected result	Actual result	Regression test result

9.1	PBI 9 AC 9.1	The user has uploaded the data and no teams were created and the students in dataset are provided with the correct type of application.	1. The user clicks the "create teams" button	sprint 2 data.xlsx	The application will then generate teams based on the data set, considering the preferences for the type of application.	InternCente	PASS
9.2	PBI 9 AC 9.2	The user has uploaded the data and no teams were created and the students in dataset are provided with the incorrect type of application.	1. The user clicks the "create teams" button	test case 9.2.xlsx	An error dialog "Unknown application type" is displayed to the user.	Create team failed.  Unknown application type.	PASS