use case number	Use cases (sometimes including user scenario)	Primary Persona	Other Personae	Importance 1- 3 (most)	Frequency 1-3	Import*Freq/3	Interaction cost 1-5 (most)	Page distance Redesign Interaction Cost	Redesign Page Distance	Value of Improvement in Interaction Cost	Value of Improvement in Page Distance
	Possible Scenario: Professor wants to bring family to social event on campus	Professor									0 0
	user wants to know what current social events are available	Professor	current students, staff	3		3	3 1	1	1 1		0 0
	* user wants to know what current social events are available	current students	current students, staff	3			3 1	1	1 1		
	* user wants to know what current social events are available	staff	current students, staff	3			3 1	1	1 1		
	user wants to know how family-friendly event is	Professor	staff	2			2 4	5+ N/.	A N/A		
	* user wants to know how family-friendly event is	staff	staff	2			2 4				
	user needs information about transportation to events	Professor	current students, staff	1			1 N/A				
	* user needs information about transportation to events	current students	current students, staff	1			1 N/A				
	· ·	staff	current students, staff	1			1 N/A				
	* user needs information about transportation to events		· ·	2			1 3		2 3		
	user wants to know costs to attend event	Professor	current students, staff								
	* user wants to know costs to attend event	current students	current students, staff	2			1 3		2 3		
	* user wants to know costs to attend event	staff	current students, staff	3			1 3		2 3		1 0
	5 user wants to know if food will be provided	Professor	current students, staff	2			2 3		2 3	_	2 0
	* user wants to know if food will be provided	current students	current students, staff	3			2 3		2 3		2 0
5*	* user wants to know if food will be provided	staff	current students, staff	2			2 3		2 3	_	2 0
	user wants to be notified if any new events pop up user wants to know if event they attended before will be held again -	Professor		3			2 2		1 2		
	7 searching for specific event user wants to know if there are any participation opportunities or even	Professor		1	2	2	1 N/A	N/A N/A	A N/A	N/A	A N/A
	3 classes for their children or family	Professor	staff	2	. 2	2	2 4	5+	1 3	3 6	6 2
8	user wants to know if there are any participation opportunities or even * classes for their children or family	staff	staff	2	: 2	2	2 4	5+	1 3	3	6 2
	user wants to know if the event has been held in the past and how successful it was to gauge whether they should attend	Professor		1			1 N/A		A N/A	N/A	
10	user wants to know if their colleagues might be attending with their amily	Professor		1	2	2	1 4	5+	2 3	3	2 1
	Possible Scenario: Staff is looking for colleague to collaborate with in									(	-
	his research	0. "									
	user looks for specific department	Staff		2			1 2				
	2 user looks for contact information	Staff		3			1 2		1 2		
	B user wants to know about faculty's past publications	Staff		2			1 2	-	1 2		1 0
	user looks for faculty lists in his department	Staff		3			1 4		2 3		
	user wants to find students who can help as assistants	Staff		1	_	2	1 N/A	N/A N/A	A N/A	N/A	A N/A
	user wants to know who is currently leading similar research	Staff	Current Professor	2	. 2	2	2 4	5	1 2	2 6	6 4
6	* user wants to know who is currently leading similar research user wants to know if there is any association that he/she can get help	Current Professor	Current Professor	2		2	2 4		1 2		
	7 finding colleague	Staff		2			1 N/A	N/A N/A			
	B user looks for faculty who is teaching class related to his research	Staff	Current Professor	1	2	2	1 3	5	1 2	2 2	2 1
	* user looks for faculty who is teaching class related to his research user wants to know if there is any website that he can get help finding	Current Professor	Current Professor	1			1 3		1 2		
	g colleague user wants to know if there is any event/talk from colleague relating to	Staff	Current Professor	2			1 3		2 3		1 0
	<ul> <li>his research</li> <li>user wants to know if there is any event/talk from colleague relating to</li> <li>his research</li> </ul>	Current Professor	Current Professor  Current Professor	1			1 2	-	1 2		1 0
10		Current Folessor	Current Foressor		-			3		(	
	Possible Scenario : John wants to know how to declare Computer Science major	Prospective Student								(	0 0
	John wants to know if Computer Science department is impacted or 1 not	Prospective Student		3	3	3	3 N/A	N/A N/A	A N/A	N/A	A N/A
	2 John wants to know which class he should start with	Prospective Student		3			3 3		1 2		
	3 John wants to see CSE course offerings for the current year	Prospective Student	Current Student, Professor	3			3 2		2 2		
	* John wants to see CSE course offerings for the current year	Current Student	Current Student, Professor	3			2 2		2 2		-
	John wants to see CSE course offerings for the current year	Professor	Current Student, Professor	2		-	1 2		2 2		-
	John wants to know if any jobs are available in CS department	Prospective Student	Current Student	2			2 2		2 2		0 0
	John wants to know if any jobs are available in CS department     John wants to know if any jobs are available in CS department	Current Student	Current Student Current Student	3			2 2		1 3		2 0
	John wants to know if any jobs are available in CS department John wants to know which research is available for an undergrad student	Prospective Student	Current Student, Professor	2			2 2	-	1 2	-	
	John wants to know which research is available for an undergrad										
	* student John wants to know which research is available for an undergrad * student	Current Student Professor	Current Student, Professor  Current Student, Professor	2			2 2		1 2		2 0 1 0
	John wants to know about jobs he can get after graduating with a CS										
	degree  John wants to know about jobs he can get after graduating with a CS	Prospective Student	Current Student	2			2 4		2 3		_
	* degree	Current Student	Current Student	3			3 4		2 3		
	7 John wants to know about faculty in CSE department	Prospective Student	Current Student	2			2 3		2 3	_	2 0
7	* John wants to know about faculty in CSE department	Current Student	Current Student	3	2	2	2 5	3	2 3	3 6	6 4
	John wants to know about clubs related to computer science	Prospective Student	Current Student	1			1 3	3 4	2 3	3	1 0
8	* John wants to know about clubs related to computer science	Current Student	Current Student	2	: 2	2	2 3	3 4	2 3	3 2	2 0

9 John wants to know about a recommended four year plan	Prospective Student	Current Student	2	1	1	3	5	2	3	1	0
9* John wants to know about a recommended four year plan	Current Student	Current Student	3	2	2	3	5	2	3	2	0
10 John wants to see learn about five year BS/MS program	Prospective Student	Current Student, Parents	1	2	1	N/A	N/A	N/A	N/A	N/A	N/A
10* John wants to see learn about five year BS/MS program	Current Student	Current Student, Parents	2	2	2	N/A	N/A	N/A	N/A	N/A	N/A
10** John wants to see learn about five year BS/MS program	Parents	Current Student, Parents	1	2	1	N/A	N/A	N/A	N/A	N/A	N/A
, , , , , , , , , , , , , , , , , , , ,										0	0
Possible Scenario : John (current undergrad) wants to go to a music											
event on campus	Student									0	0
1 John wants to know if there are any free music events on campus	Current Student	Professor, Staff	2	2	2	4	5	1	2	6	4
1* John wants to know if there are any free music events on campus	Professor	Professor, Staff	2	1	1	4	5	1	2	3	2
1** John wants to know if there are any free music events on campus	Staff	Professor, Staff	2	1	1	4	5	1	2	3	2
2 John wants to see who is performing in the music event	Current Student	Professor, Staff	1	1	1	3	4	1	3	2	0
2* John wants to see who is performing in the music event	Professor	Professor, Staff	1	1	1	3	4	1	3	2	0
2** John wants to see who is performing in the music event	Staff	Professor, Staff	1	1	1	3	4	1	3	2	0
3 John wants to see which instruments are used in music event		Professor, Staff	1	2	1	4	5+	1	3	3	1
	Current Student		1	1	1	4		- 1	3	3	
3* John wants to see which instruments are used in music event	Professor	Professor, Staff		-	1	-	5+	1	-	-	
3** John wants to see which instruments are used in music event	Staff	Professor, Staff	1	1	1	4	5+	1	3	3	1
4 John wants to know where music events would be held	Current Student	Professor, Staff	2	2	2	3	4	1	2	4	2
4* John wants to know where music events would be held	Professor	Professor, Staff	2	2	2	3	4	1	2	4	2
John wants to know where music events would be held	Staff	Professor, Staff	2	2	2	3	4	1	2	4	2
5 John wants to know which genre is played in music event	Current Student	Professor, Staff	1	1	1	4	5	1	3	3	1
5* John wants to know which genre is played in music event	Professor	Professor, Staff	1	1	1	4	5	1	3	3	1
5** John wants to know which genre is played in music event	Staff	Professor, Staff	1	1	1	4	5	1	3	3	1
6 John wants to know about any famous alumni in the music departmen		Professor, Staff	1	2	1	3	4	1	3	2	0
			1	1	1	3	4	1	3	2	0
6* John wants to know about any famous alumni in the music departmen		Professor, Staff	1	1	1	3	4	2	3	1	
6** John wants to know about any famous alumni in the music departmen	it Staff	Professor, Staff	1	1	1	3	4	2	3	-	0
Describle Occupate a John (sument underweed) wents to find a Johnson										0	0
Possible Scenario : John (current undergrad) wants to find a job on campus										0	0
1 User wants to see if there is any website that helps student find jobs	Current Student	Prospective Student	3	2	2	3	4	1	2	4	2
1* User wants to see if there is any website that helps student find jobs	Prospective Student	Prospective Student	2	3	2	3	4	1	2	4	2
	Current Student	Prospective Student	3	2	2	4	5+	1	3	6	2
2 User wants to see how much he can get paid				2	2	4		1	3	6	2
2* User wants to see how much he can get paid	Prospective Student	Prospective Student	3				5+			-	
3 User wants to know how to use work study	Current Student	Prospective Student	1	2	1	N/A	N/A	N/A	N/A	N/A	N/A
4 User wants to know how to find job related to his/her major	Current Student	Prospective Student	2	2	2	3	5+	2	3	2	0
5 User wants to know in what way he can get paid	Current Student	Prospective Student	1	1	1	4	5+	2	3	2	1
5* User wants to know in what way he can get paid	Prospective Student	Prospective Student	1	1	1	4	5+	2	3	2	1
6 User wants to know what would be hiring process	Current Student	Prospective Student	2	2	2	5	5+	2	3	6	4
6* User wants to know what would be hiring process	Prospective Student	Prospective Student	2	2	2	5	5+	2	3	6	4
7 User wants to know what is minimum requirement to apply for a job	Current Student	Prospective Student	2	1	1	4	5+	2	3	2	1
7* User wants to know what is minimum requirement to apply for a job	Prospective Student	Prospective Student	2	1	1	4	5+	2	3	2	1
8 User wants to know about deadline for applying certain jobs	Current Student	Prospective Student	3	2	2	4	5+	2	3	4	2
		· ·	3	2	2	4	5+	2	3	4	2
8* User wants to know about deadline for applying certain jobs User wants to know if there would be any job fair on campus for on	Prospective Student	Prospective Student	3	Z	2	4	5+	2	3	4	
9 campus positions	Current Student	Parents	2	3	2	3	4	1	2	4	2
User wants to know if there would be any job fair on campus for on			_			_			_		
9* campus positions	Parents	Parents	2	1	1	3	4	1	2	2	1
10 User wants to know which jobs are available for undergraduates	Current Student	Prospective Student	2	2	2	3	4	1	2	4	2
10* User wants to know which jobs are available for undergraduates	Prospective Student	Prospective Student	1	2	1	3	4	1	2	2	1
										0	0
Possible Scenario : John (current undergrad) wants to join a sports										0	0
club (i.e. basketball)											
User wants to know which sports clubs are available in school	Current Student	Prospective student, Parents	3	1	1	3	5	2	3	1	0
1* User wants to know which sports clubs are available in school	Prospective Student	Prospective student, Parents	3	1	1	3	5	2	3	1	0
1** User wants to know which sports clubs are available in school	Parents	Prospective student, Parents	2	1	1	3	5	2	3	1	0
2 User wants to know if there is any tryouts to join clubs	Current Student	Prospective Student	2	2	2	3	5	3	3	0	0
2* User wants to know if there is any tryouts to join clubs	Prospective Student	Prospective Student	2	2	2	3	5	3	3	0	0
3 User wants to know how much it costs every quarter	Current Student		2	1	1	3	5	3	3	0	0
4 User wants to know about the minimum requirement to join clubs	Current Student	Prospective Student	2	2	2	3	5	2	2	2	2
4* User wants to know about the minimum requirement to join clubs	Prospective Student	Prospective Student	2	2	2	3	5	2	2	2	2
	Current Student	Prospective Student	2	1	1	2	4	2	2	0	0
		1 100pective ottudent		1	4	2	4	2	2	0	0
5 User wants to find contact information		Propositivo Student	4					2		U	0
5* User wants to find contact information	Prospective Student	Prospective Student	1	1	-		-				
		Prospective Student Prospective Student	1	3	1	2	3	1	2	1	0
5* User wants to find contact information User wants to know when/what is the earliest upcoming events that 6 he/she can watch User wants to know when/what is the earliest upcoming events that	Prospective Student  Current Student	Prospective Student	1	3	1	2	3	1	2	1	
5* User wants to find contact information User wants to know when/what is the earliest upcoming events that 6 he/she can watch User wants to know when/what is the earliest upcoming events that 6*	Prospective Student Current Student Prospective Student		1	3	1	2	3	1	2	1	0
5* User wants to find contact information User wants to know when/what is the earliest upcoming events that 6 he/she can watch User wants to know when/what is the earliest upcoming events that 6* User wants to know which sports are aviilable in IM league	Prospective Student Current Student Prospective Student Current Student	Prospective Student	1 1 2	3 3 2	1 1 2	2 2 2	3 3 3	1 1 2	2 2 2	1 1 0	0
5* User wants to find contact information User wants to know when/what is the earliest upcoming events that 6 he/she can watch User wants to know when/what is the earliest upcoming events that 6*	Prospective Student Current Student Prospective Student	Prospective Student	1	3	1 2 1	2	3	1	2	1 1 0 0	0

9* User wants to know how often they have practice	Prospective Student	Prospective Student	1	1	1	N/A	N/A	N/A	N/A	N/A	N/A
10 User wants to know if he/she can earn credits for playing sports	Current Student		1	1	1	3	4	3	2	0	1
										0	0
Possible Scenario : Amanda (current undergrad student) wants to know about job fairs (date, location, etc)										0	0
	Current Student	Professor, Staff	3	2	2	2	4	1	1	2	0
1 user wants to know if there are any field-specific job fairs			2	1		2	4	1	1	1	
1* user wants to know if there are any field-specific job fairs	Professor	Professor, Staff	2	1	1	2	4	1	1	1	1
1** user wants to know if there are any field-specific job fairs	Staff	Professor, Staff		-				1	- '		
2 user wants to know what she should bring to fairs	Current Student		2	1	1	2	4	1	2	1	(
3 user wants to know success rate for students in the past finding jobs	Current Student	Prospective Student	2	2	2	N/A	N/A	N/A	N/A	N/A	N/A
3* user wants to know success rate for students in the past finding jobs	Prospective Student	Prospective Student	2	2	2	N/A	N/A	N/A	N/A	N/A	N/A
4 user wants to know when the fair dates, locations, and times are	Current Student		3	2	2	2	4	1	1	2	2
5 user wants to know what companies are attending which fairs	Current Student	Prospective Student, Professor, Staff	3	2	2	2	5	1	2	2	(
5* user wants to know what companies are attending which fairs	Prospective Student	Prospective Student, Professor, Staff	3	2	2	2	5	1	2	2	(
5** user wants to know what companies are attending which fairs	Professor	Prospective Student, Professor, Staff	2	1	1	2	5	1	2	1	
5*** user wants to know what companies are attending which fairs	Staff	Prospective Student, Professor, Staff	2	1	1	2	5	1	2	1	(
6 user wants to know about dress code	Current Student		2	1	1	2	4	1	2	1	(
7 user seeks source for past attendee advice	Current Student		2	2	2	3	5+	N/A	N/A	N/A	N/A
8 user wants to know what they can expect at the fair	Current Student	Prospective Student	2	1	1	2	4	2	2	0	C
8* user wants to know what they can expect at the fair	Prospective Student	Prospective Student	2	2	2	2	4	2	2	0	C
user is curious if they're qualified enough and what their competition	0	·				<b></b>					
9 might be like user is curious if they're qualified enough and what their competition	Current Student	Prospective Student	3	1	1	N/A	N/A	N/A	N/A	N/A	N/A
9* might be like	Prospective Student	Prospective Student	3	1	1	N/A	N/A	N/A	N/A	N/A	N/A
10 user wants to know what kind of jobs people find at fairs and salaries	Current Student	·	2	2	2	3	5+	N/A	N/A	N/A	N/A
										0	C
Possible Scenario: Mr. and Mrs. Banks (parents) want to know the											
basic budgets (tuition and living costs) for undergraduates										0	
1 user wants to know about applying for financial aid	Parents	Current Student, Prospective Student	3	2	2	2	3	1	2	2	(
1* user wants to know about applying for financial aid	Current Student	Current Student, Prospective Student	3	3	3	2	3	1	2	3	(
1** user wants to know about applying for financial aid	Prospective Student	Current Student, Prospective Student	2	2	2	2	3	1	2	2	
user wants to know what scholarships and grants are available, as we 2 as requirements and how to apply	Parents	Current Student, Prospective Student	2	2	2	2	4	1	2	2	(
user wants to know what scholarships and grants are available, as we	I				_				_	_	
2* as requirements and how to apply	Current Student	Current Student, Prospective Student	3	2	2	2	4	1	2	2	
user wants to know what scholarships and grants are available, as we as requirements and how to apply	Prospective Student	Current Student, Prospective Student	2	2	2	2	4	1	2	2	0
3 user wants to know costs in comparison to other schools	Parents	Current Student, Prospective Student	3	1	1	2	4			2	2
3* user wants to know costs in comparison to other schools	Current Student	Current Student, Prospective Student	2	1	1	N/A	N/A	N/A	N/A	N/A	N/A
** user wants to know costs in comparison to other schools	Prospective Student	Current Student, Prospective Student	2	1	1	N/A	N/A	N/A	N/A	N/A	N/A
4 user wants to know about paying plans	Parents	Current Student	2	1	1	3	5+	2	2	1	1
4* user wants to know about paying plans	Current Student	Current Student	2	1	1	3	5+	2	2	1	1
5 user wants to know about semester(quarter) expenses	Parents	Ourient Otadent	2	1	1	2	4	1	1	1	
6 user needs to pay tuition balance	Parents	Current student	2	1	1	3	4	2	3	1	
6* user needs to pay tuition balance	Current Student	Current student	3	1	1	3	4	2	3	1	0
			2	2	2	4	3	2	3	4	2
7 user is concerned about extra fees and needs to contact staff	Parents	Current Student	3	2	2	4	3	2	3	4	
7* user is concerned about extra fees and needs to contact staff	Current Student	Current Student Presentative Student	3	2	2	4	-	1	2		2
8 user wants to know about estimated living costs for one year	Parents	Current Student, Prospective Student				4	5	1		6	4
8* user wants to know about estimated living costs for one year	Current Student	Current Student, Prospective Student	3	2	2	4	5	1	2	6	
8** user wants to know about living costs in la jolla	Prospective Student	Current Student, Prospective Student	3	2	2	4	5	N/A	N/A	N/A	N/A
9 user wants to know what is included within tuition	Parents	Current Student, Prospective Student	2	1	1	5	5+	1	2	4	3
9* user wants to know what is included within tuition	Current Student	Current Student, Prospective Student	3	2	2	5	5+	1	2	8	- 6
9** user wants to know what is included within tuition	Prospective Student	Current Student, Prospective Student	2	2	2	5	5+	1	2	8	
										0	(
Posible Scenario: Mr. and Mrs. Banks (parents) want to know which transportation is available to students										0	C
User wants to know if there is school shuttle available	Parents	Prospective Student	3	1	1	2	3	N/A	N/A	N/A	N/A
1* User wants to know if there is school shuttle available	Prospective Student		3	1	1	2	3	N/A	N/A	N/A	N/A
2 User wants to know how much he/she should pay to use school shuttle		Prospective Student	2	1	1	3	5+	N/A	N/A	N/A	N/A
2* User wants to know how much he/she should pay to use school shuttle			2	1	1	3	5+	N/A	N/A	N/A	N/A
User wants to know how much he/she should pay to use school shuttle     User wants to know about shuttle routes	Parents	Prospective Student	2	1	1	2	3	N/A	N/A	N/A	N/A
		1 Toopective Student	3	1	1	2	3		N/A N/A	N/A N/A	
3* User wants to know about shuttle routes	Prospective Student	Dragnostiva Ctudor*						N/A			N/A
4 User wants to know where shuttle stops on campus	Parents	Prospective Student	1	1	1	2	3	N/A	N/A	N/A	N/A
4* User wants to know where shuttle stops on campus	Prospective Student		3	1	1	2	3	N/A	N/A	N/A	N/A
User wants to know if there is any application that text bus time alerts to students	Parents	Current Student, Prospective Student	1	1	1	2	3	N/A	N/A	N/A	N/A
User wants to know if there is any application that text bus time alerts 5* to students											
	Current Student		3	1	1	2	3	N/A	N/A	N/A	N/A
User wants to know if there is any application that text bus time alerts 5** to students	Prospective Student		2	1	1	2	3	N/A	N/A	N/A	N/A

6**	* User wants to know they are allowed to bring bike inside	Current Student		2	1	1	N/A	N/A	N/A	N/A	N/A	N/A
	* User wants to know they are allowed to bring bike inside	Prospective Student		2	1	1	N/A	N/A	N/A	N/A	N/A	N/A
7	7 User wants to know about schedule for weekdays and weekends	Parents	Current Student, Prospective Student	1	1	1	2	4	N/A	N/A	N/A	N/A
7*	* User wants to know about schedule for weekdays and weekends	Current Student		3	2	2	2	4	N/A	N/A	N/A	N/A
	* User wants to know about schedule for weekdays and weekends	Prospective Student		2	1	1	2	4	N/A	N/A	N/A	N/A
	8 User wants to know they are allowed to bring pets inside	Parents	Current Student, Prospective Student	1	1	1	N/A	N/A	N/A	N/A	N/A	N/A
			Current Student, 1 Tospective Student	2	1	'						
	* User wants to know they are allowed to bring pets inside	Current Student			-	1	N/A	N/A	N/A	N/A	N/A	N/A
8**	* User wants to know they are allowed to bring pets inside User wants to know how often school shuttle arrives on campus and	Prospective Student		1	1	1	N/A	N/A	N/A	N/A	N/A	N/A
g	9 whether or not they go off campus as well	Parents	Current Student, Prospective Student	2	2	1	2	3	N/A	N/A	N/A	N/A
	User wants to know how often school shuttle arrives on campus and		, , , , ,									
9*	* whether or not they go off campus as well	Current Student		3	2	2	2	3	N/A	N/A	N/A	N/A
Q**	User wants to know how often school shuttle arrives on campus and  * whether or not they go off campus as well	Prospective Student		2	2	2	2	3	N/A	N/A	N/A	N/A
	User wants to know how to pay the cost of using the shuttle	Parents	Prospective Student	2	1	1	3	5+	N/A	N/A	N/A	N/A
			1 Tospective Student	2	1	1	3	5+	N/A	N/A	N/A	N/A
10	* User wants to know how to pay the cost of using the shuttle	Prospective Student		2	-	'	3	5+	IN/A	IN/A	IN/A	IVA
	Possible Scenario : Damien (prospective grad student) wants to know											
	how to apply for a graduate program										0	0
1	1 user wants to know what departments offer graduate programs	Current Student	Parents, Prospective Student	2	2	2	2	3	1	2	2	0
	* user wants to know what departments offer graduate programs	Parents	Parents, Prospective Student	2	2	2	2	3	1	2	2	0
			· ·	1	1	4	2	3	- 1	2	1	0
	* user wants to know what departments offer graduate programs	Prospective Student	Parents, Prospective Student		-	- 1			1		1	
	2 user wants to know what programs are offered (masters, phd, etc.)	Current Student	Parents, Prospective Student	3	1	1	2	3	1	2	1	0
	* user wants to know what programs are offered (masters, phd, etc.)	Parents	Parents, Prospective Student	2	1	1	2	3	1	2	1	0
	* user wants to know what programs are offered (masters, phd, etc.)	Prospective Student	Parents, Prospective Student	2	1	1	2	3	1	2	1	0
3	3 user wants to know about requirements for admission	Current Student		3	1	1	2	4	1	2	1	0
4	4 user wants to know about costs for attendance	Current Student	Parents	3	2	2	3	5	1	2	4	2
4*	* user wants to know about costs for attendance	Parents	Parents	3	2	2	3	5	1	2	4	2
	user wants to know average statistics for admitted students (GPA,											
	5 GRE, etc.)	Current Student		2	1	1	3	5+	N/A	N/A	N/A	N/A
- 6	6 user wants to know about faculty for the business department	Current Student		2	1	1	2	4	N/A	N/A	N/A	N/A
7	7 user wants to know about department rankings	Current Student		1	2	1	N/A	N/A	N/A	N/A	N/A	N/A
	user wants to know about internship opportunities within the	Current Student		1	3	1	2	5	4	2	1	0
	8 department			-		- 1					1	
	9 user wants to browse class catalogue	Current Student		1	1	1	2	4	1	2		0
10	0 user wants to compare grad programs at other schools	Current Student		1	1	1	N/A	N/A	N/A	N/A	N/A	N/A
	Possible Scenario : Amanda (current undergrad student) wants to know what kinds of projects (research) are currently available										0	0
1	1 User wants to know about faculty in major she is interested in	Current student	Prospective Student	2	2	2	2	4				
1*	* User wants to know about faculty in major she is interested in								1	2	2	0
	occi wante to mion about lacarty in major cho to interected in	Prospective Student	Prospective Student	2	2	2	2	4	1	2	2	0
	User wants to know if there is a minimum qualification for applying to								1	2	2	0
2	User wants to know if there is a minimum qualification for applying to 2 research positions	Prospective Student  Current student	Prospective Student Prospective Student	2	3	2	3	4 5+	1 1 2			
	User wants to know if there is a minimum qualification for applying to 2 research positions  User wants to know if there is a minimum qualification for applying to	Current student	Prospective Student						2	2	2	0
2*	User wants to know if there is a minimum qualification for applying to research position.  User wants to know if there is a minimum qualification for applying to research positions	Current student Prospective Student	Prospective Student Prospective Student	2	3 2	2	3	5+ 5+	2	3 3	2 2 2	0 0
2* 3	User wants to know if there is a minimum qualification for applying to research positions.  User wants to know if there is a minimum qualification for applying to research positions.  User wants to see if any professor/faculty is in need of students.	Current student Prospective Student Current student	Prospective Student Prospective Student Prospective Student	2 2 2	3 2 3	2 2 2	3 3 3	5+ 5+ 5+	2	2 3 3 3	2 2 2 0	0 0 0
2* 3	User wants to know if there is a minimum qualification for applying to research positions User wants to know if there is a minimum qualification for applying to research positions User wants to see if any professor/faculty is in need of students User wants to see if any professor/faculty is in need of students	Current student Prospective Student Current student Prospective Student	Prospective Student Prospective Student Prospective Student Prospective Student	2 2 2 2	3 2 3 3	2 2 2 2 2	3 3 3 3	5+ 5+ 5+ 5+	2 3 3	2 3 3 3 3	2 2 2 2 0 0	0 0 0 0
2* 3 3* 4	User wants to know if there is a minimum qualification for applying to 2 research positions User wants to know if there is a minimum qualification for applying to research positions 3 User wants to see if any professor/faculty is in need of students 4 User wants to see if any professor/faculty is in need of students 5 User wants to see if any professor/faculty is in need of students 6 User wants to see if there is any paid research	Current student Prospective Student Current student Prospective Student Current student	Prospective Student Prospective Student Prospective Student Prospective Student Prospective Student	2 2 2 2 2 2	3 2 3 3 3 3	2 2 2 2 2 2	3 3 3 3	5+ 5+ 5+ 5+ 5+	2 3 3 2	2 3 3 3 3 2	2 2 2 2 0 0	0 0 0 0 0
2* 3 3* 4	User wants to know if there is a minimum qualification for applying to 2 research positions User wants to know if there is a minimum qualification for applying to research positions 3 User wants to see if any professor/faculty is in need of students 4 User wants to see if any professor/faculty is in need of students 5 User wants to see if there is any paid research 6 User wants to see if there is any paid research	Current student Prospective Student Current student Prospective Student Current student Prospective Student	Prospective Student Prospective Student Prospective Student Prospective Student Prospective Student Prospective Student	2 2 2 2 2 2	3 2 3 3 3 3 3 3	2 2 2 2 2 2 2	3 3 3 3 3 3	5+ 5+ 5+ 5+ 5+ 5+	2 3 3 2 2	2 3 3 3 3 2	2 2 2 2 0 0 0 2 2	0 0 0 0 0 0 2 2
2* 3 3* 4 4* 5	User wants to know if there is a minimum qualification for applying to 2 research positions User wants to know if there is a minimum qualification for applying to research positions User wants to see if any professor/faculty is in need of students User wants to see if any professor/faculty is in need of students User wants to see if there is any paid research User wants to see if there is any paid research User wants to see if there is any paid research	Current student Prospective Student Current student Prospective Student Current student Prospective Student Current student Current student	Prospective Student	2 2 2 2 2 2 2 2	3 2 3 3 3 3 3	2 2 2 2 2 2 2 2	3 3 3 3 3 3 2	5+ 5+ 5+ 5+ 5+ 5+ 5+	2 3 3 2 2 2	2 3 3 3 3 2 2	2 2 2 2 0 0 0 2 2 2	0 0 0 0 0 0 2 2 2
2* 3 3* 4 4* 5	User wants to know if there is a minimum qualification for applying to 2 research positions User wants to know if there is a minimum qualification for applying to research positions 3 User wants to see if any professor/faculty is in need of students 4 User wants to see if any professor/faculty is in need of students 5 User wants to see if there is any paid research 6 User wants to see if there is any paid research	Current student Prospective Student Current student Prospective Student Current student Prospective Student	Prospective Student Prospective Student Prospective Student Prospective Student Prospective Student Prospective Student	2 2 2 2 2 2	3 2 3 3 3 3 3 2 2	2 2 2 2 2 2 2	3 3 3 3 3 3 2 2	5+ 5+ 5+ 5+ 5+ 5+ 4	2 3 3 2 2	2 3 3 3 3 2 2 2 2	2 2 2 2 0 0 0 2 2 2 0	0 0 0 0 0 0 2 2
2* 3 3* 4 4* 5	User wants to know if there is a minimum qualification for applying to 2 research positions User wants to know if there is a minimum qualification for applying to research positions User wants to see if any professor/faculty is in need of students User wants to see if any professor/faculty is in need of students User wants to see if there is any paid research User wants to see if there is any paid research User wants to see if there is any paid research	Current student Prospective Student Current student Prospective Student Current student Prospective Student Current student Current student	Prospective Student	2 2 2 2 2 2 2 2	3 2 3 3 3 3 3	2 2 2 2 2 2 2 2	3 3 3 3 3 3 2	5+ 5+ 5+ 5+ 5+ 5+ 5+	2 3 3 2 2 2	2 3 3 3 3 2 2	2 2 2 2 0 0 0 2 2 2	0 0 0 0 0 0 2 2 2
2* 3 3* 4 4* 5 5*	User wants to know if there is a minimum qualification for applying to 2 research positions User wants to know if there is a minimum qualification for applying to 4 research positions User wants to see if any professor/faculty is in need of students User wants to see if any professor/faculty is in need of students User wants to see if there is any paid research User wants to see if there is any paid research User wants to know which research topics she can participate in User wants to know which research topics she can participate in	Current student Prospective Student Current student Prospective Student Current student Prospective Student Current student Prospective Student Prospective Student	Prospective Student	2 2 2 2 2 2 2 2 2	3 2 3 3 3 3 3 2 2	2 2 2 2 2 2 2 2	3 3 3 3 3 3 2 2	5+ 5+ 5+ 5+ 5+ 5+ 4	2 3 3 2 2 2	2 3 3 3 3 2 2 2 2	2 2 2 2 0 0 0 2 2 2 0	0 0 0 0 0 0 2 2 2
2* 3 3* 4 4* 5 5* 6	User wants to know if there is a minimum qualification for applying to 2 research positions User wants to know if there is a minimum qualification for applying to 4 research positions User wants to see if any professor/faculty is in need of students User wants to see if any professor/faculty is in need of students User wants to see if there is any paid research User wants to see if there is any paid research User wants to know which research topics she can participate in User wants to know which research topics she can participate in User wants to see if there is any club that helps student find research User wants to see if there is any club that helps student find research User wants to know if there is any class that he/she can work on	Current student Prospective Student	Prospective Student	2 2 2 2 2 2 2 2 2 2 1	3 2 3 3 3 3 3 2 2 2 2	2 2 2 2 2 2 2 2	3 3 3 3 3 3 2 2 2 3 3	5+ 5+ 5+ 5+ 5+ 5+ 5+ 5 5- 5- 5- 5- 5- 5- 5- 5- 5- 5- 5- 5- 5	2 3 3 2 2 2 2 2 1	2 3 3 3 3 2 2 2 2 2 2 2 2	2 2 2 0 0 2 2 2 0 0	0 0 0 0 0 2 2 2 0 0
2* 3 3* 4 4* 5 5* 6	User wants to know if there is a minimum qualification for applying to 2 research positions User wants to know if there is a minimum qualification for applying to research positions User wants to see if any professor/faculty is in need of students User wants to see if any professor/faculty is in need of students User wants to see if there is any paid research User wants to see if there is any paid research User wants to know which research topics she can participate in User wants to know which research topics she can participate in User wants to see if there is any club that helps student find research User wants to see if there is any club that helps student find research User wants to know if there is any club that helps can work on research and also get credits	Current student Prospective Student Current student Prospective Student Current student Prospective Student Current student Current student Current student Current student Current student	Prospective Student	2 2 2 2 2 2 2 2 2 2	3 2 3 3 3 3 2 2	2 2 2 2 2 2 2 2	3 3 3 3 3 3 2 2	5+ 5+ 5+ 5+ 5+ 5+ 4 4	2 3 3 2 2 2	2 3 3 3 3 2 2 2 2 2	2 2 2 0 0 2 2 2 0 0	0 0 0 0 0 2 2 2 0 0
2° 3 3° 4 4° 5 6° 7	User wants to know if there is a minimum qualification for applying to 2 research positions User wants to know if there is a minimum qualification for applying to research positions 3 User wants to see if any professor/faculty is in need of students 4 User wants to see if any professor/faculty is in need of students 4 User wants to see if there is any paid research 5 User wants to see if there is any paid research 5 User wants to know which research topics she can participate in 6 User wants to know which research topics she can participate in 7 User wants to see if there is any club that helps student find research 8 User wants to see if there is any club that helps student find research 9 User wants to know if there is any class that he/she can work on 9 research and also get credits 1 User wants to know if there is any class that he/she can work on 1 User wants to know if there is any class that he/she can work on 1 User wants to know if there is any class that he/she can work on	Current student Prospective Student Current student Current student Current student Current student	Prospective Student	2 2 2 2 2 2 2 2 2 2 1	3 2 3 3 3 3 3 2 2 2 2	2 2 2 2 2 2 2 2	3 3 3 3 3 3 2 2 2 3 3	5+ 5+ 5+ 5+ 5+ 5+ 4 4 5 5	2 3 3 2 2 2 2 2 1	2 3 3 3 3 2 2 2 2 2 2 2 2	2 2 2 0 0 2 2 2 0 0	0 0 0 0 0 2 2 2 0 0
2° 3 3° 4 4° 5 6° 7	User wants to know if there is a minimum qualification for applying to 2 research positions User wants to know if there is a minimum qualification for applying to research positions User wants to see if any professor/faculty is in need of students User wants to see if any professor/faculty is in need of students User wants to see if there is any paid research User wants to see if there is any paid research User wants to know which research topics she can participate in User wants to know which research topics she can participate in User wants to see if there is any club that helps student find research User wants to see if there is any club that helps student find research User wants to know if there is any class that he/she can work on research and also get credits User wants to know if there is any class that he/she can work on research and also get credits	Current student Prospective Student	Prospective Student	2 2 2 2 2 2 2 2 2 2 1 1	3 2 3 3 3 3 3 2 2 2 2 2	2 2 2 2 2 2 2 2	3 3 3 3 3 3 2 2 2 3 3 3 3	5+ 5+ 5+ 5+ 5+ 5+ 5+ 5+ 5+ 5+ 5+ 4 4 5 5 5 5	2 3 3 2 2 2 2 2 2 1 1	2 3 3 3 3 3 2 2 2 2 2 2 2 2 2 3 3	2 2 2 0 0 2 2 2 0 0	0 0 0 0 0 2 2 2 0 0 0 1 1
2** 3 3** 4 4* 5 5* 6* 7*	User wants to know if there is a minimum qualification for applying to 2 research positions User wants to know if there is a minimum qualification for applying to research positions User wants to see if any professor/faculty is in need of students User wants to see if any professor/faculty is in need of students User wants to see if there is any paid research User wants to see if there is any paid research User wants to know which research topics she can participate in User wants to know which research topics she can participate in User wants to see if there is any club that helps student find research User wants to see if there is any club that helps student find research User wants to know if there is any class that he/she can work on research and also get credits User wants to know if there is any class that he/she can work on research and also get credits User wants to know if here is any class that he/she can work on research and also get credits User wants to know if here is any class that he/she can work on	Current student Prospective Student Current student Current student Current student Current student	Prospective Student	2 2 2 2 2 2 2 2 2 2 1 1	3 2 3 3 3 3 3 2 2 2 2 2	2 2 2 2 2 2 2 2	3 3 3 3 3 3 2 2 2 3 3 3	5+ 5+ 5+ 5+ 5+ 5+ 4 4 5 5	2 3 3 2 2 2 2 2 2 1 1	2 3 3 3 3 2 2 2 2 2 2 2 2 2 2	2 2 2 0 0 2 2 2 0 0	0 0 0 0 0 2 2 2 0 0 0
2' 3' 3' 4' 4' 5 5 5' 6 6' 7 7' 8	User wants to know if there is a minimum qualification for applying to 2 research positions User wants to know if there is a minimum qualification for applying to research positions 3 User wants to see if any professor/faculty is in need of students 4 User wants to see if any professor/faculty is in need of students 5 User wants to see if there is any paid research 6 User wants to know which research topics she can participate in 7 User wants to know which research topics she can participate in 8 User wants to see if there is any club that helps student find research 9 User wants to see if there is any club that helps student find research 9 User wants to see if there is any club that helps student find research 9 User wants to know if there is any class that he/she can work on 9 research and also get credits 1 User wants to know if there is any class that he/she can work on 1 research and also get credits 1 User wants to know faculty's email addresses that she wants to 1 User wants to know faculty's email addresses that she wants to 1 User wants to know faculty's email addresses that she wants to 1 User wants to know faculty's email addresses that she wants to 1 User wants to know faculty's email addresses that she wants to 1 User wants to know faculty's email addresses that she wants to 1 User wants to know faculty's email addresses that she wants to 1 User wants to know faculty's email addresses that she wants to	Current student Prospective Student Current student Current student Current student	Prospective Student	2 2 2 2 2 2 2 2 2 2 1 1	3 2 3 3 3 3 3 2 2 2 2 2 1	2 2 2 2 2 2 2 2	3 3 3 3 3 3 2 2 2 2 3 3 3 3 3	5+ 5+ 5+ 5+ 5+ 5+ 5+ 5+ 5+ 4 4 5 5 5 5+	2 3 3 2 2 2 2 2 2 1 1	2 3 3 3 3 3 2 2 2 2 2 2 2 2 2 2 3 3 3	2 2 2 0 0 2 2 2 0 0	0 0 0 0 0 2 2 2 2 0 0 0 1 1 1
2' 3' 3' 4' 4' 5 5 5' 6 6' 7 7' 8	User wants to know if there is a minimum qualification for applying to 2 research positions User wants to know if there is a minimum qualification for applying to research positions 3 User wants to see if any professor/faculty is in need of students 4 User wants to see if any professor/faculty is in need of students 4 User wants to see if there is any paid research 5 User wants to know which research topics she can participate in 6 User wants to know which research topics she can participate in 7 User wants to see if there is any club that helps student find research 8 User wants to see if there is any club that helps student find research 9 User wants to see if there is any club that helps student find research 9 User wants to know if there is any class that he/she can work on research and also get credits 1 User wants to know if there is any class that he/she can work on research and also get credits 1 User wants to know if there is any class that he/she can work on research and also get credits 1 User wants to know if credits 1 User wants to know faculty's email addresses that she wants to contact 1 User wants to know faculty's email addresses that she wants to contact	Current student Prospective Student Current student	Prospective Student	2 2 2 2 2 2 2 2 2 2 1 1	3 2 3 3 3 3 3 2 2 2 2 2 1	2 2 2 2 2 2 2 2	3 3 3 3 3 3 2 2 2 3 3 3 3	5+ 5+ 5+ 5+ 5+ 5+ 5+ 5+ 5+ 5+ 5+ 4 4 5 5 5 5	2 3 3 2 2 2 2 2 2 1 1	2 3 3 3 3 3 2 2 2 2 2 2 2 2 2 3 3	2 2 2 0 0 2 2 2 0 0	0 0 0 0 0 2 2 2 0 0 0 1 1
2' 33' 44' 55 66' 77' 88	User wants to know if there is a minimum qualification for applying to 2 research positions User wants to know if there is a minimum qualification for applying to research positions 3 User wants to see if any professor/faculty is in need of students 4 User wants to see if any professor/faculty is in need of students 5 User wants to see if there is any paid research 6 User wants to see if there is any paid research 5 User wants to know which research topics she can participate in 6 User wants to know which research topics she can participate in 7 User wants to know which research topics she can participate in 8 User wants to see if there is any club that helps student find research 9 User wants to know if there is any club that helps student find research 9 User wants to know if there is any clust that he/she can work on 9 research and also get credits 1 User wants to know if there is any class that he/she can work on 1 research and also get credits 1 User wants to know faculty's email addresses that she wants to 1 User wants to know faculty's email addresses that she wants to 1 User wants to know faculty's email addresses that she wants to 1 User wants to know about current students who are working on 1 research	Current student Prospective Student Current student Current student Current student	Prospective Student	2 2 2 2 2 2 2 2 2 2 1 1	3 2 3 3 3 3 3 2 2 2 2 2 1	2 2 2 2 2 2 2 2	3 3 3 3 3 3 2 2 2 2 3 3 3 3 3	5+ 5+ 5+ 5+ 5+ 5+ 5+ 5+ 5+ 4 4 5 5 5 5+	2 3 3 2 2 2 2 2 2 1 1	2 3 3 3 3 3 2 2 2 2 2 2 2 2 2 2 3 3 3	2 2 2 0 0 2 2 2 0 0	0 0 0 0 0 2 2 2 2 0 0 0 1 1 1 0 0 0 0 0
2' 33 3' 4 4' 4' 5 5 5' 5' 6 6 6' 7 7' 8 8 8' 9	User wants to know if there is a minimum qualification for applying to 2 research positions User wants to know if there is a minimum qualification for applying to research positions User wants to see if any professor/faculty is in need of students User wants to see if any professor/faculty is in need of students User wants to see if there is any paid research User wants to see if there is any paid research User wants to know which research topics she can participate in User wants to know which research topics she can participate in User wants to know which research topics she can participate in User wants to see if there is any club that helps student find research User wants to know if there is any club that helps student find research User wants to know if there is any class that he/she can work on research and also get credits User wants to know if there is any class that he/she can work on research and also get credits User wants to know faculty's email addresses that she wants to contact User wants to know faculty's email addresses that she wants to contact User wants to know about current students who are working on research User wants to know about current students who are working on	Current student Prospective Student Current student Current student Current student Current student	Prospective Student	2 2 2 2 2 2 2 2 2 1 1 1 2 1 1	3 3 3 3 3 3 3 2 2 2 2 2 1 1 1	2 2 2 2 2 2 2 2	3 3 3 3 3 3 2 2 2 3 3 3 3 3 2 2 2 2 3 3 3 3 3 2 2 2 2 3 3 3 3 3 3 3 2 2 3 3 3 3 2 2 3 3 3 3 2 2 3	5+ 5+ 5+ 5+ 5+ 5+ 5+ 5+ 3 3 5+	2 3 3 3 2 2 2 2 2 1 1 1 2 2 2 1 1 1 3	2 3 3 3 3 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 2 2 0 0 0 2 2 2 0 0 0 2 2 2 1 1 1	0 0 0 0 0 2 2 2 2 0 0 0 1 1 1 1 0 0 0 0
2' 33 3' 4 4' 4' 5 5 5' 5' 6 6 6' 7 7' 8 8 8' 9	User wants to know if there is a minimum qualification for applying to 2 research positions User wants to know if there is a minimum qualification for applying to research positions 3 User wants to see if any professor/faculty is in need of students 4 User wants to see if any professor/faculty is in need of students 5 User wants to see if there is any paid research 6 User wants to see if there is any paid research 7 User wants to know which research topics she can participate in 8 User wants to know which research topics she can participate in 9 User wants to see if there is any club that helps student find research 9 User wants to see if there is any club that helps student find research 9 User wants to know if there is any club that helps student find research 9 User wants to know if there is any class that he/she can work on 9 research and also get credits 1 User wants to know if there is any class that he/she can work on 1 the search and also get credits 1 User wants to know faculty's email addresses that she wants to 1 User wants to know faculty's email addresses that she wants to 1 User wants to know about current students who are working on 1 the search and also get credits 1 User wants to know about current students who are working on 1 research	Current student Prospective Student Current student	Prospective Student	2 2 2 2 2 2 2 2 2 1 1 1 2 1	3 2 3 3 3 3 3 2 2 2 2 2 1 1	2 2 2 2 2 2 2 2	3 3 3 3 3 3 2 2 2 3 3 3 3 2 2 2 2 2 2 2	5+ 5+ 5+ 5+ 5+ 5+ 5+ 5+ 5+ 4 4 5 5 5+ 5+ 3 3	2 3 3 3 2 2 2 2 2 1 1 1 2 2 2	2 3 3 3 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 2 2 0 0 0 2 2 2 0 0 0 2 2 2 1 1 1	0 0 0 0 0 2 2 2 2 0 0 0 1 1 1 1 0 0 0 0
2' 33 3' 4 4' 4' 5 5 5' 6 6 6' 7 7' 8 8 8' 9 9'	User wants to know if there is a minimum qualification for applying to 2 research positions User wants to know if there is a minimum qualification for applying to research positions User wants to see if any professor/faculty is in need of students User wants to see if any professor/faculty is in need of students User wants to see if there is any paid research User wants to see if there is any paid research User wants to know which research topics she can participate in User wants to know which research topics she can participate in User wants to know which research topics she can participate in User wants to see if there is any club that helps student find research User wants to know if there is any club that helps student find research User wants to know if there is any class that he/she can work on research and also get credits User wants to know if there is any class that he/she can work on research and also get credits User wants to know faculty's email addresses that she wants to contact User wants to know faculty's email addresses that she wants to contact User wants to know about current students who are working on research User wants to know about current students who are working on	Current student Prospective Student Current student Current student Current student Current student	Prospective Student	2 2 2 2 2 2 2 2 2 1 1 1 2 1 1	3 3 3 3 3 3 3 2 2 2 2 2 1 1 1	2 2 2 2 2 2 2 2	3 3 3 3 3 3 2 2 2 3 3 3 3 3 2 2 2 2 3 3 3 3 3 2 2 2 2 3 3 3 3 3 3 3 2 2 3 3 3 3 2 2 3 3 3 3 2 2 3	5+ 5+ 5+ 5+ 5+ 5+ 5+ 5+ 3 3 5+	2 3 3 3 2 2 2 2 2 1 1 1 2 2 2 1 1 1 3	2 3 3 3 3 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 2 2 0 0 0 2 2 2 0 0 0 2 2 2 1 1 1	0 0 0 0 0 0 2 2 2 0 0 0 1 1 1 1 0 0 0 0
2' 33 3' 4 4' 4' 5 5 5' 6 6 6' 7 7' 8 8 8' 9 9'	User wants to know if there is a minimum qualification for applying to 2 research positions  User wants to know if there is a minimum qualification for applying to research positions  User wants to see if any professor/faculty is in need of students  User wants to see if any professor/faculty is in need of students  User wants to see if there is any paid research  User wants to see if there is any paid research  User wants to know which research topics she can participate in  User wants to see if there is any club that helps student find research  User wants to see if there is any club that helps student find research  User wants to know which research topics she can participate in  User wants to see if there is any club that helps student find research  User wants to know if there is any class that he/she can work on research and also get credits  User wants to know if there is any class that he/she can work on research and also get credits  User wants to know faculty's email addresses that she wants to a contact  User wants to know faculty's email addresses that she wants to contact  User wants to know about current students who are working on research  User wants to know about current students who are working on research  User wants to know if there is any other nearby schools or companies	Current student Prospective Student	Prospective Student	2 2 2 2 2 2 2 2 2 1 1 1 2 1 1 1	3 2 3 3 3 3 3 2 2 2 2 2 1 1 1	2 2 2 2 2 2 2 2	3 3 3 3 3 3 2 2 2 3 3 3 3 2 2 2 2 3	5+ 5+ 5+ 5+ 5+ 5+ 5+ 5+ 4 4 5 5 5 5+ 5+ 5+ 5+ 5+ 5+ 5+ 5+	2 3 3 3 2 2 2 2 2 1 1 1 2 2 2 1 1 1 3 3	2 3 3 3 3 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 2 2 0 0 0 2 2 2 0 0 0 2 2 2 1 1 1 1 0 0	0 0 0 0 0 0 2 2 2 2 0 0 0 1 1 1 1 0 0 0 0
2' 33 3' 4 4' 4' 5 5 5' 6 6 6' 7 7' 8 8 8' 9 9'	User wants to know if there is a minimum qualification for applying to 2 research positions  User wants to know if there is a minimum qualification for applying to research positions  User wants to see if any professor/faculty is in need of students  User wants to see if any professor/faculty is in need of students  User wants to see if there is any paid research  User wants to see if there is any paid research  User wants to know which research topics she can participate in  User wants to see if there is any club that helps student find research  User wants to see if there is any club that helps student find research  User wants to know which research topics she can participate in  User wants to see if there is any club that helps student find research  User wants to know if there is any class that he/she can work on research and also get credits  User wants to know if there is any class that he/she can work on research and also get credits  User wants to know faculty's email addresses that she wants to a contact  User wants to know faculty's email addresses that she wants to contact  User wants to know about current students who are working on research  User wants to know about current students who are working on research  User wants to know if there is any other nearby schools or companies	Current student Prospective Student	Prospective Student	2 2 2 2 2 2 2 2 2 1 1 1 2 1 1 1	3 2 3 3 3 3 3 2 2 2 2 2 1 1 1	2 2 2 2 2 2 2 2	3 3 3 3 3 3 2 2 2 3 3 3 3 2 2 2 2 3	5+ 5+ 5+ 5+ 5+ 5+ 5+ 5+ 4 4 5 5 5 5+ 5+ 5+ 5+ 5+ 5+ 5+ 5+	2 3 3 3 2 2 2 2 2 1 1 1 2 2 2 1 1 1 3 3	2 3 3 3 3 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 2 2 0 0 0 2 2 2 0 0 0 2 2 2 1 1 1 1 0 0	0 0 0 0 0 0 2 2 2 0 0 0 0 1 1 1 1 0 0 0 0
2' 33 3' 4 4' 4' 5 5 5' 6 6 6' 7 7' 8 8 8' 9 9'	User wants to know if there is a minimum qualification for applying to 2 research positions  User wants to know if there is a minimum qualification for applying to research positions  User wants to see if any professor/faculty is in need of students  User wants to see if any professor/faculty is in need of students  User wants to see if there is any paid research  User wants to see if there is any paid research  User wants to know which research topics she can participate in  User wants to see if there is any club that helps student find research  User wants to see if there is any club that helps student find research  User wants to know which research topics she can participate in  User wants to see if there is any club that helps student find research  User wants to know if there is any class that he/she can work on research and also get credits  User wants to know if there is any class that he/she can work on research and also get credits  User wants to know faculty's email addresses that she wants to a contact  User wants to know faculty's email addresses that she wants to contact  User wants to know about current students who are working on research  User wants to know about current students who are working on research  User wants to know if there is any other nearby schools or companies	Current student Prospective Student	Prospective Student	2 2 2 2 2 2 2 2 2 1 1 1 2 1 1 1	3 2 3 3 3 3 3 2 2 2 2 2 1 1 1	2 2 2 2 2 2 2 2	3 3 3 3 3 3 2 2 2 3 3 3 3 2 2 2 2 3	5+ 5+ 5+ 5+ 5+ 5+ 5+ 5+ 4 4 5 5 5 5+ 5+ 5+ 5+ 5+ 5+ 5+ 5+	2 3 3 3 2 2 2 2 2 1 1 1 2 2 2 1 1 1 3 3	2 3 3 3 3 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 2 2 0 0 0 2 2 2 0 0 0 2 2 2 1 1 1 1 0 0	0 0 0 0 0 0 2 2 2 0 0 0 1 1 1 1 0 0 0 0
2' 33 3' 4 4' 4' 5 5 5' 6 6 6' 7 7' 8 8 8' 9 9'	User wants to know if there is a minimum qualification for applying to 2 research positions  User wants to know if there is a minimum qualification for applying to research positions  User wants to see if any professor/faculty is in need of students  User wants to see if any professor/faculty is in need of students  User wants to see if there is any paid research  User wants to see if there is any paid research  User wants to know which research topics she can participate in  User wants to see if there is any club that helps student find research  User wants to see if there is any club that helps student find research  User wants to know which research topics she can participate in  User wants to see if there is any club that helps student find research  User wants to know if there is any class that he/she can work on research and also get credits  User wants to know if there is any class that he/she can work on research and also get credits  User wants to know faculty's email addresses that she wants to a contact  User wants to know faculty's email addresses that she wants to contact  User wants to know about current students who are working on research  User wants to know about current students who are working on research  User wants to know if there is any other nearby schools or companies	Current student Prospective Student	Prospective Student	2 2 2 2 2 2 2 2 2 1 1 1 2 1 1 1	3 2 3 3 3 3 3 2 2 2 2 2 1 1 1	2 2 2 2 2 2 2 2	3 3 3 3 3 3 2 2 2 3 3 3 3 2 2 2 2 3	5+ 5+ 5+ 5+ 5+ 5+ 5+ 5+ 4 4 5 5 5 5+ 5+ 5+ 5+ 5+ 5+ 5+ 5+	2 3 3 3 2 2 2 2 2 1 1 1 2 2 2 1 1 1 3 3	2 3 3 3 3 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 2 2 0 0 0 2 2 2 0 0 0 2 2 2 1 1 1 1 0 0	0 0 0 0 0 0 2 2 2 0 0 0 0 1 1 1 1 0 0 0 0
2' 33 3' 4 4' 4' 5 5 5' 6 6 6' 7 7' 8 8 8' 9 9'	User wants to know if there is a minimum qualification for applying to 2 research positions  User wants to know if there is a minimum qualification for applying to research positions  User wants to see if any professor/faculty is in need of students  User wants to see if any professor/faculty is in need of students  User wants to see if there is any paid research  User wants to see if there is any paid research  User wants to know which research topics she can participate in  User wants to see if there is any club that helps student find research  User wants to see if there is any club that helps student find research  User wants to know which research topics she can participate in  User wants to see if there is any club that helps student find research  User wants to know if there is any class that he/she can work on research and also get credits  User wants to know if there is any class that he/she can work on research and also get credits  User wants to know faculty's email addresses that she wants to a contact  User wants to know faculty's email addresses that she wants to contact  User wants to know about current students who are working on research  User wants to know about current students who are working on research  User wants to know if there is any other nearby schools or companies	Current student Prospective Student	Prospective Student	2 2 2 2 2 2 2 2 2 1 1 1 2 1 1 1	3 2 3 3 3 3 3 2 2 2 2 2 1 1 1	2 2 2 2 2 2 2 2	3 3 3 3 3 3 2 2 2 3 3 3 3 2 2 2 2 3	5+ 5+ 5+ 5+ 5+ 5+ 5+ 5+ 4 4 5 5 5 5+ 5+ 5+ 5+ 5+ 5+ 5+ 5+	2 3 3 3 2 2 2 2 2 1 1 1 2 2 2 1 1 1 3 3	2 3 3 3 3 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 2 2 0 0 0 2 2 2 0 0 0 2 2 2 1 1 1 1 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
2' 33 3' 4 4' 4' 5 5 5' 6 6 6' 7 7' 8 8 8' 9 9'	User wants to know if there is a minimum qualification for applying to 2 research positions  User wants to know if there is a minimum qualification for applying to research positions  User wants to see if any professor/faculty is in need of students  User wants to see if any professor/faculty is in need of students  User wants to see if there is any paid research  User wants to see if there is any paid research  User wants to know which research topics she can participate in  User wants to see if there is any club that helps student find research  User wants to see if there is any club that helps student find research  User wants to know which research topics she can participate in  User wants to see if there is any club that helps student find research  User wants to know if there is any class that he/she can work on research and also get credits  User wants to know if there is any class that he/she can work on research and also get credits  User wants to know faculty's email addresses that she wants to a contact  User wants to know faculty's email addresses that she wants to contact  User wants to know about current students who are working on research  User wants to know about current students who are working on research  User wants to know if there is any other nearby schools or companies	Current student Prospective Student	Prospective Student	2 2 2 2 2 2 2 2 2 2 1 1 1 2 1 1 1 1 1	3 3 3 3 3 3 3 2 2 2 2 2 2 1 1 1 1	2 2 2 2 2 2 2 2 2 2 1 1 1 1 1 1 1 1	3 3 3 3 3 3 2 2 2 3 3 3 3 2 2 2 2 3	5+ 5+ 5+ 5+ 5+ 5+ 5+ 5+ 3 3 5+ 5+ 5+	2 3 3 3 2 2 2 2 1 1 1 2 2 2 1 1 3 3 3 N/A	2 3 3 3 3 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 2 2 0 0 0 2 2 2 2 1 1 1 1 0 0 N/A	0 0 0 0 0 1 1 1 1 0 0 0 0 0 0 0 NVA

	Staff	44	33	30	58	67	23	43	38	13
	Professor	33	36	31	59	65	23	44	42	15