

## Functional requirements

<b>Name:</b>	R. #1. Find a path that takes to a new person who can be met
<b>Summary:</b>	Find a path that takes to a new person who can be met and this path is the best one
Input:	
Results:	Path found
	Path not found

<b>Name:</b>	R. #2. Model the force that unites a person with another
<b>Summary:</b>	This refers to the fact that they can be Friends, best friends or acquaintances
Input:	Force that user chose
Results:	

<b>Name:</b>	R. #3. Show all the people that user follows
<b>Summary:</b>	Show the username of all the people that user follows
Input:	
Results:	User follows with username
	User doesn't follow anyone

<b>Name:</b>	R. #4. Show all the user followers
<b>Summary:</b>	Show the username of all the user followers
Input:	
Results:	User followers with username
	User doesn't have followers

<b>Name:</b>	R. #6. Remove an specific follow
<b>Summary:</b>	User can unfollow users
Input:	String username
Results:	

<b>Name:</b>	R. #7. Modify user information
<b>Summary:</b>	Modify user information (username or password) to change the password user need to enter actual password before change it
Input:	String newInformation
Results:	Information change correctly
	Information could not be change

<b>Name:</b>	R. #8. Register a new user
<b>Summary:</b>	Register a new user that doesn't have a account, user have to enter name and last name, gender, faculty, username and password
Input:	String name, String lastname, char gender, String faculty, String username, String password
Results:	User account was created correctly
	User account could not be created

<b>Name:</b>	R. #9. Allow sign-in
<b>Summary:</b>	Allow sign-in in accounts already create if password and username match
Input:	String username, String password
Results:	Sign-in correctly
	Username or password doesn't match

<b>Name:</b>	R. #10. Delete account
<b>Summary:</b>	User can delete his account, this action Will remove all followers and won't be able to sign-in again. To delete account user have to enter password
Input:	String password

Results:	Account deleted correctly
	Password doesn't matc, account couldn't be deleted

### **Non-functional requirements**

- Implement a graph (adjacent matrix and list)
- Implement graph methods like Dijkstra, BFS, DFS and others
- Must have a graphical interface