

Functional requirements

Name	FR#1	Import the information of the attendees to the event
Summary	The program will read the information of the event attendees from a text file and load them into a binary search tree. Then it will select half of them and load them into a double linked list, these will be the participants of the event.	
Input	A String with the path of the text file from which the information will be loaded	
Output	A boolean representing whether the information has been loaded	

Name	FR#2	Search by ID
Summary	The program will allow the user to search for an attendee or a participant, given its ID	
Input	The ID to be searched	
Output	The first attendee or participant that matches the given ID. If no matches are found, then it returns null	

Non-functional requirements

ID	Description
NFR#1	Create the graphic user interface using JavaFX

Traceability

ID	Functional requirement	Method	Class
FR#1	Import the information of the attendees to the event	Event refreshAttendees load addAttendee preorder selectParticipants removeLastParticipantAdded removeFromBST addToLinkedList minimum successor add preorder compareTo clone	Event Attendee
FR#2	Search by ID	searchAttendee searchParticipant compareTo	Event Attendee

