

**OBJECT ORIENTED ANALYSIS & DESIGN**

**SCHOLARSHIP - SELECTION  
SYSTEM**

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**2018103580**

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**2018103607**

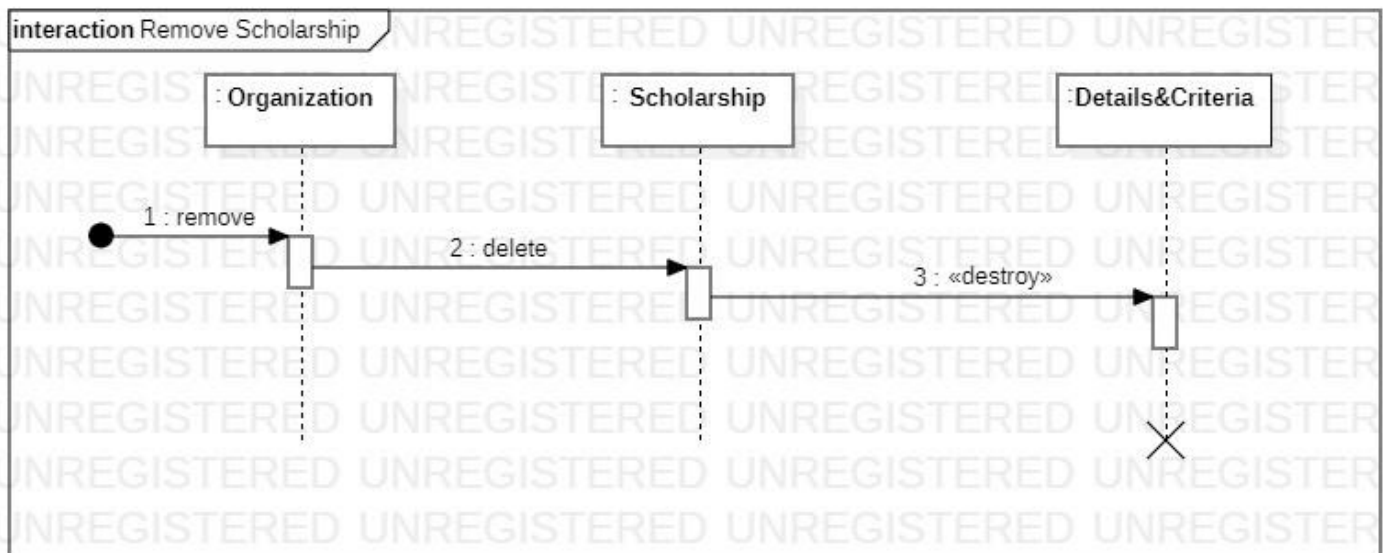
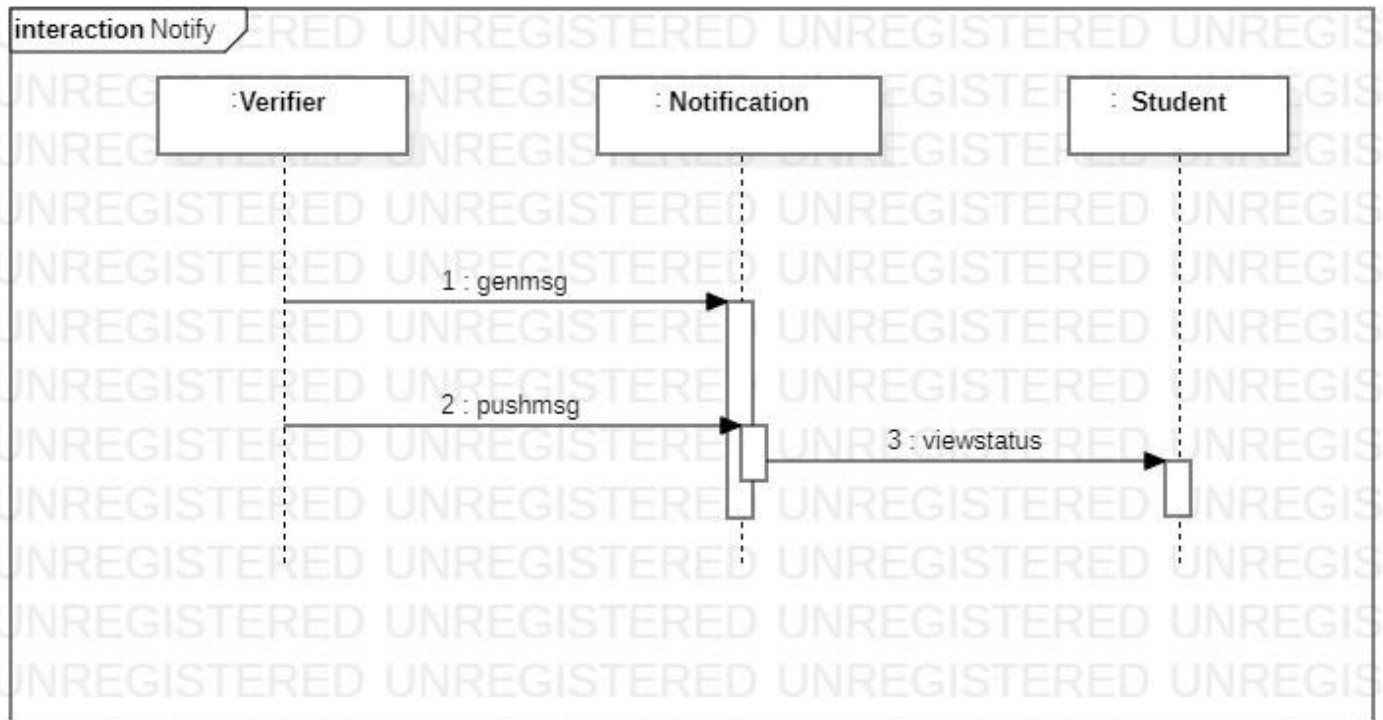
<u>Sequence Diagram</u>	<u>Classes Involved</u>	<u>Calling function</u>	<u>Sequence</u>
<i>View and Update Details</i>	<ul style="list-style-type: none"> <li>❖ Student</li> <li>❖ StudentDetails</li> <li>❖ ContactInfo</li> </ul>	editprofile	<ol style="list-style-type: none"> <li>1. Editprofile</li> <li>2. Viewdetails</li> <li>3. Getcontact</li> <li>4. Contact</li> <li>5. Updatedetails</li> <li>6. SaveContact</li> </ol>
<i>Editing Criterias</i>	<ul style="list-style-type: none"> <li>❖ Organization</li> <li>❖ Scholarship</li> <li>❖ Details&amp;Criteria</li> </ul>	editcriteria	<ol style="list-style-type: none"> <li>1. Editcriteria</li> <li>2. Getdetails</li> <li>3. Getcriteria</li> <li>4. (return)Criterias</li> <li>5. (return)Scholarship</li> <li>6. Update criteria</li> </ol>
<i>Verification - 1&amp;2</i>	<ul style="list-style-type: none"> <li>❖ Verifier</li> <li>❖ Student</li> <li>❖ StudentDetails</li> <li>❖ ContactInfo</li> <li>❖ Application&amp;Renew</li> <li>❖ Scholarship</li> <li>❖ Details&amp;Criteria</li> </ul>	checkdetails	<ol style="list-style-type: none"> <li>1. Checkdetails</li> <li>2. Getinfo</li> <li>3. Viewdetails</li> <li>4. Getcontact</li> <li>5. (return)Contact</li> <li>6. (return)Details</li> <li>7. Student</li> <li>8. UpdateStatus</li> <li>9. Incrementer(value)</li> <li><b>opt[verstat = 1]</b></li> <li>10. Checkcriteria</li> </ol>

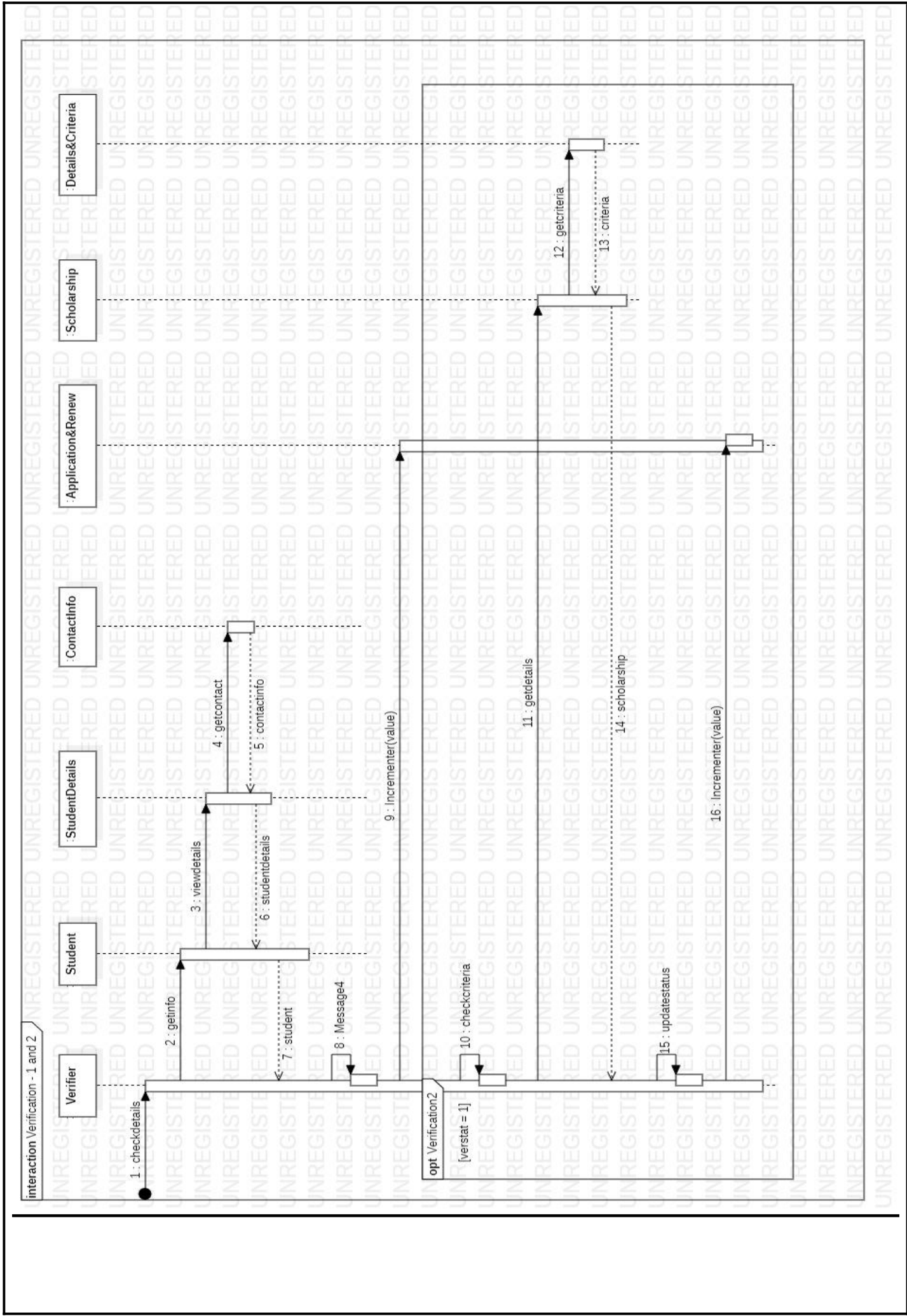
			11. Getdetails 12. Getcriteria 13. (return)criteria 14. (return)scholarship 15. Updatestatus 16. Incrementer
<b><i>AddingScholarships</i></b>	❖ Organization ❖ Scholarship ❖ Details&Criteria	Addscholarship	1.Addscholarship 2.Create(name,id) 3.(create)create 4.Addcriteria
<b><i>UpdateDetails</i></b>	❖ StudentDetails ❖ Admin	Updatedetails	1.Updatedetails 2.Admin
<b><i>Renewing Scholarship</i></b>	❖ Student ❖ Application&Renew	Renew	1.Renew 2.Fetchappl 3.(return)application 4.Upload details
<b><i>Shortlisting</i></b>	❖ Admin ❖ Application ❖ Scholarship ❖ Details&Criteria	Getverifiedapplicants	1.Getverifiedapplicants 2.Fetchappl(stat) 3.(return)application 4.Getdetails 5.Getcriteria(final) 6.(return)Final 7.(return)Final 8.Shortlisting 9.Create(name,rollno,schid,schname,year,amt)
<b><i>Verifying</i></b>	❖ Admin	Checkdetails	1.Checkdetails

	<ul style="list-style-type: none"> <li>❖ Application&amp;Renew</li> <li>❖ Verifier</li> </ul>		2.Fetchappl(status) 3.(return)application 4.Updatestat 5.Updatestat
<i>Applying Scholarship</i>	<ul style="list-style-type: none"> <li>❖ Student</li> <li>❖ Application&amp;Renew</li> </ul>	Apply	1.Apply 2.(create)application 3.Uploaddetails 4.Upload documents
<i>Fetching List</i>	<ul style="list-style-type: none"> <li>❖ User</li> <li>❖ Organization</li> <li>❖ Student</li> <li>❖ Selected List</li> </ul>	User invokes <b>getlist()</b> of Student or Organization	<b>[if user is Organization]</b> 1.Getlist 2.Fetchlist 3.(return)list <b>[if user is Student]</b> 1.Getlist 2.Fetchlist 3.List
<i>Viewing Scholarship</i>	<ul style="list-style-type: none"> <li>❖ Student</li> <li>❖ Scholarship</li> <li>❖ Details&amp;Criteria</li> </ul>	Search scholarship	1.Search scholarship <b>Loop(schid 1-n):</b> 2.Getdetails <b>Opt(accstatus==1)</b> 3.Getcriteria 4.(return)criteria 5.(return)details
<i>Accept Scholarship</i>	<ul style="list-style-type: none"> <li>❖ Admin</li> <li>❖ Scholarship</li> <li>❖ Details&amp;Criteria</li> </ul>	Checkdetails	1.Checkdetails 2.Getdetails 3.Getcriteria 4.(return)details&Criteria 5.(return)Scholarship

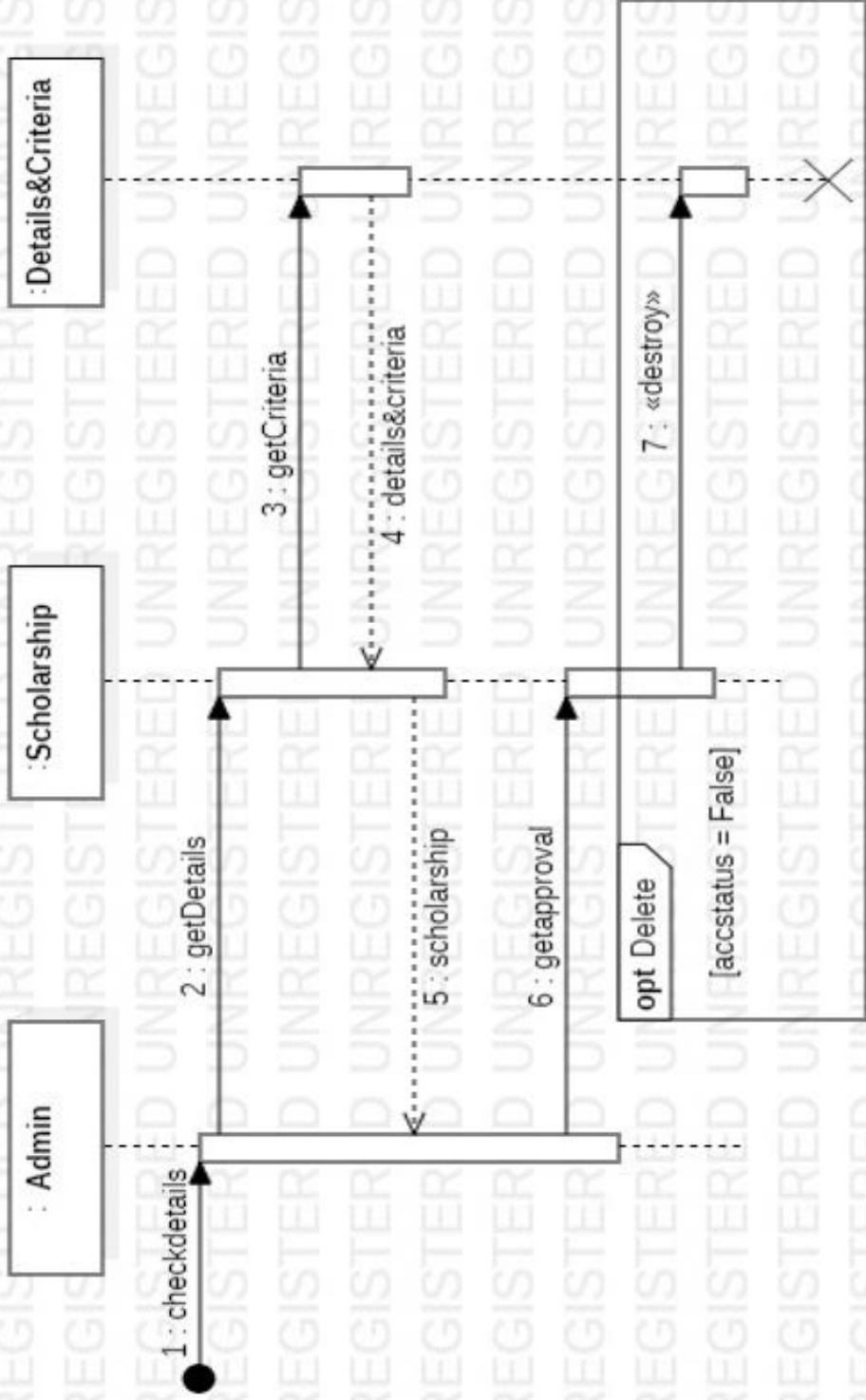
			6.Getapproval <b>opt[accstatus = False]</b> 7.Destroy
<i><b>View Student Info</b></i>	<ul style="list-style-type: none"> <li>❖ Organization</li> <li>❖ Selected List</li> <li>❖ Student</li> <li>❖ Student Details</li> <li>❖ ContactInfo</li> </ul>	Viewstud info	1.Viewstudinfo 2.Fetchlist 3.(return)list <b>Loop[roll no in list]:</b> 4.Getinfo 5.Viewdetails 6.Getcontact 7.(return)contact 8.(return)details 9.(return)info
<i><b>Remove Scholarship</b></i>	<ul style="list-style-type: none"> <li>❖ Organization</li> <li>❖ Scholarship</li> <li>❖ Details&amp;Criteria</li> </ul>	Remove	1.Remove 2.Delete 3.<<destroy>>
<i><b>Notify</b></i>	<ul style="list-style-type: none"> <li>❖ Verifier</li> <li>❖ Notification</li> <li>❖ Student</li> </ul>	Genmsg	1.Genmsg 2.Pushmsg 3.Viewstatus

## Sequence Diagrams:



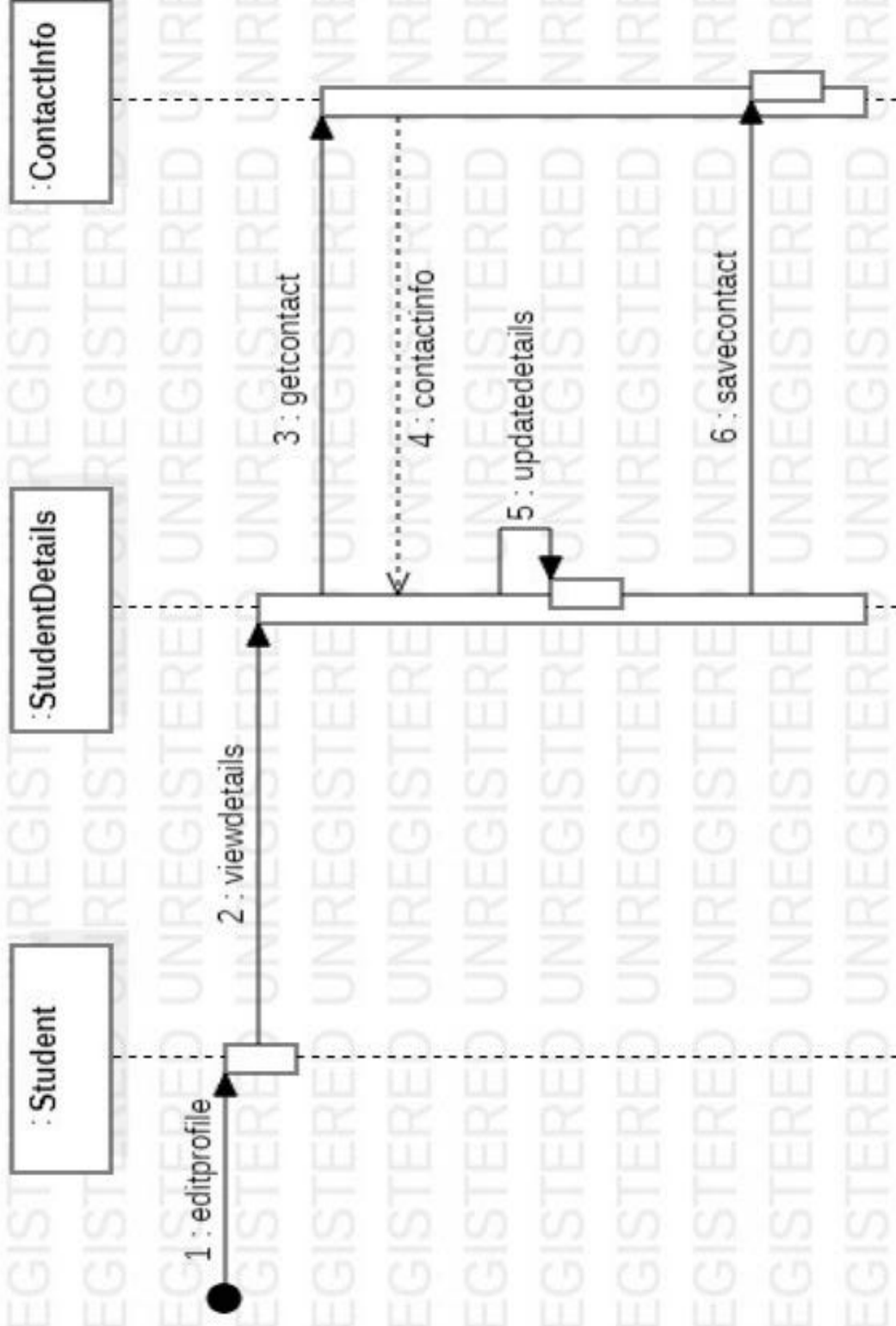


# interaction Accept Scholarship

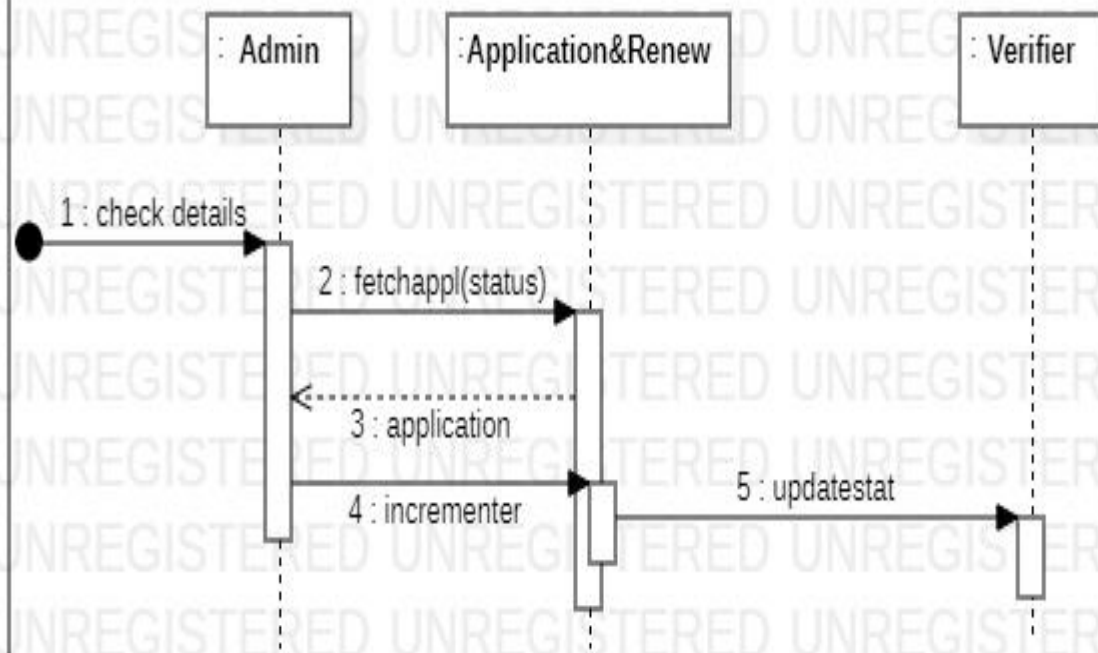




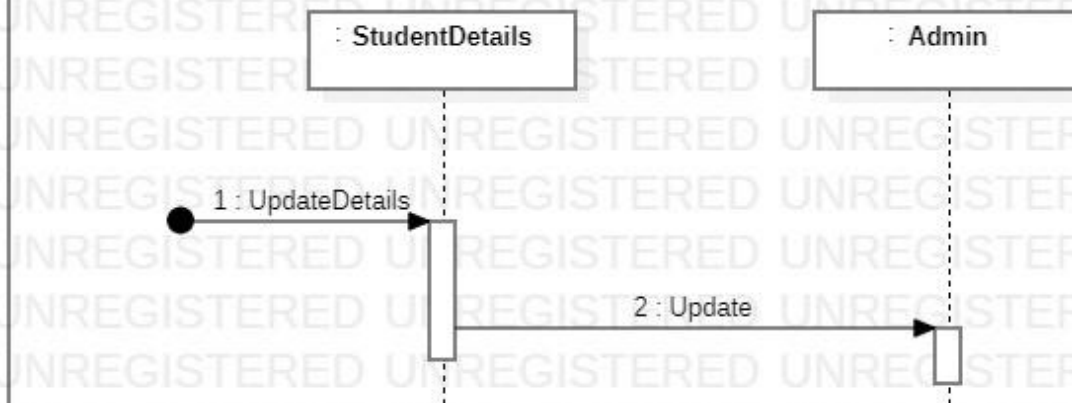
# interaction View and Update Details



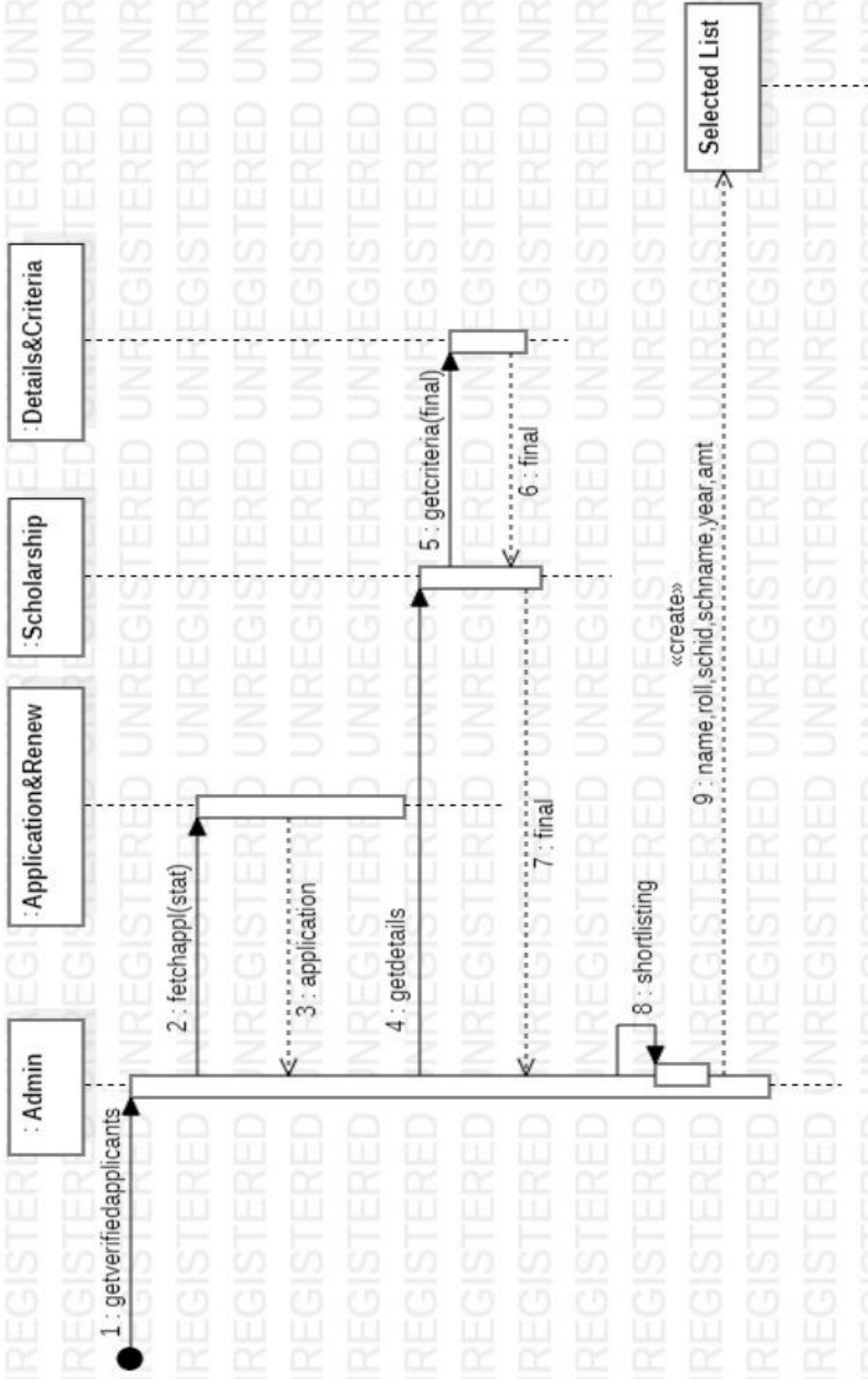
### interaction Verifying



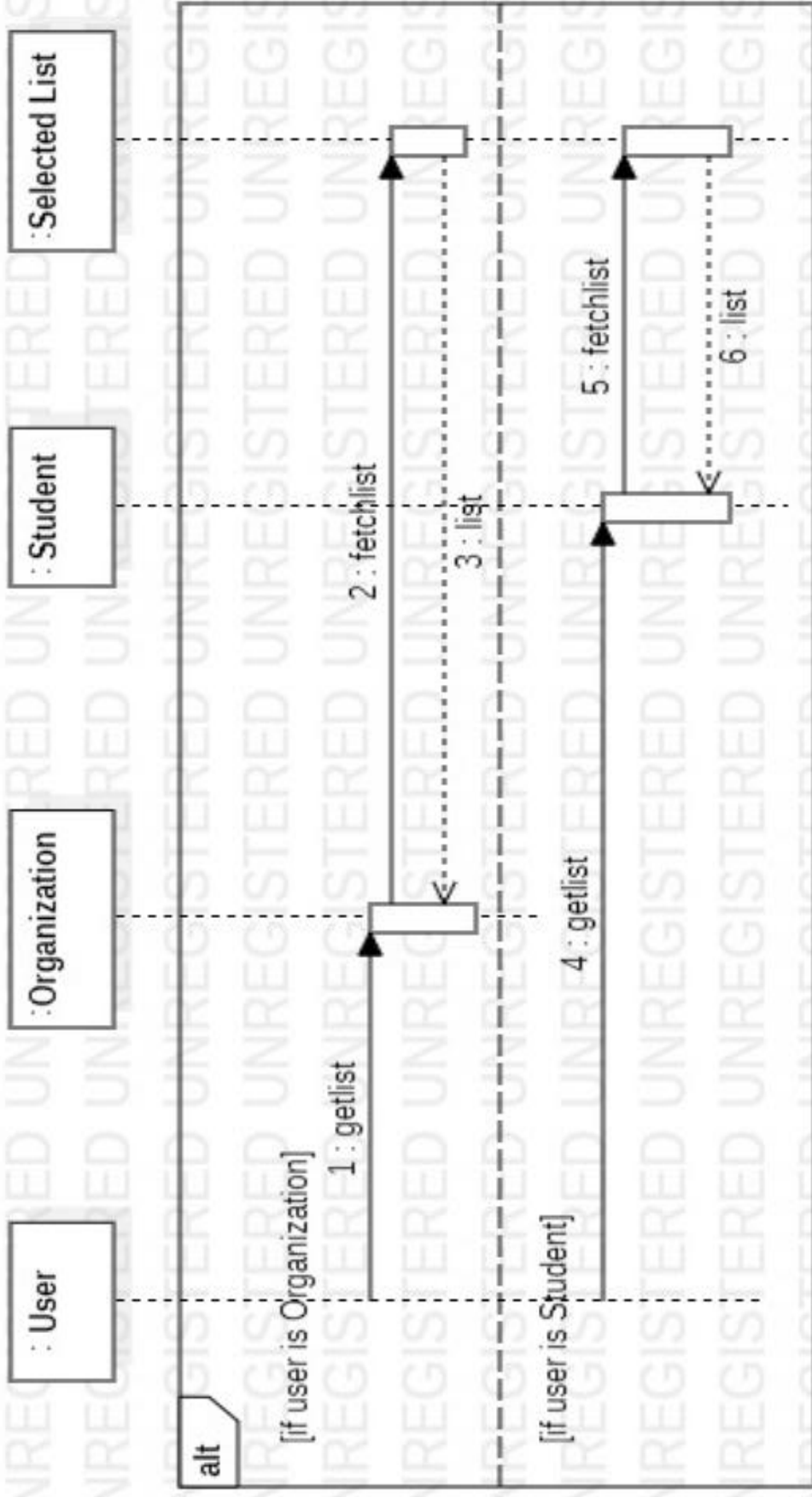
### interaction Update Details



# interaction shortlisting



# interaction fetching list



# interaction addingScholarships

:Organization

1: addscholarship

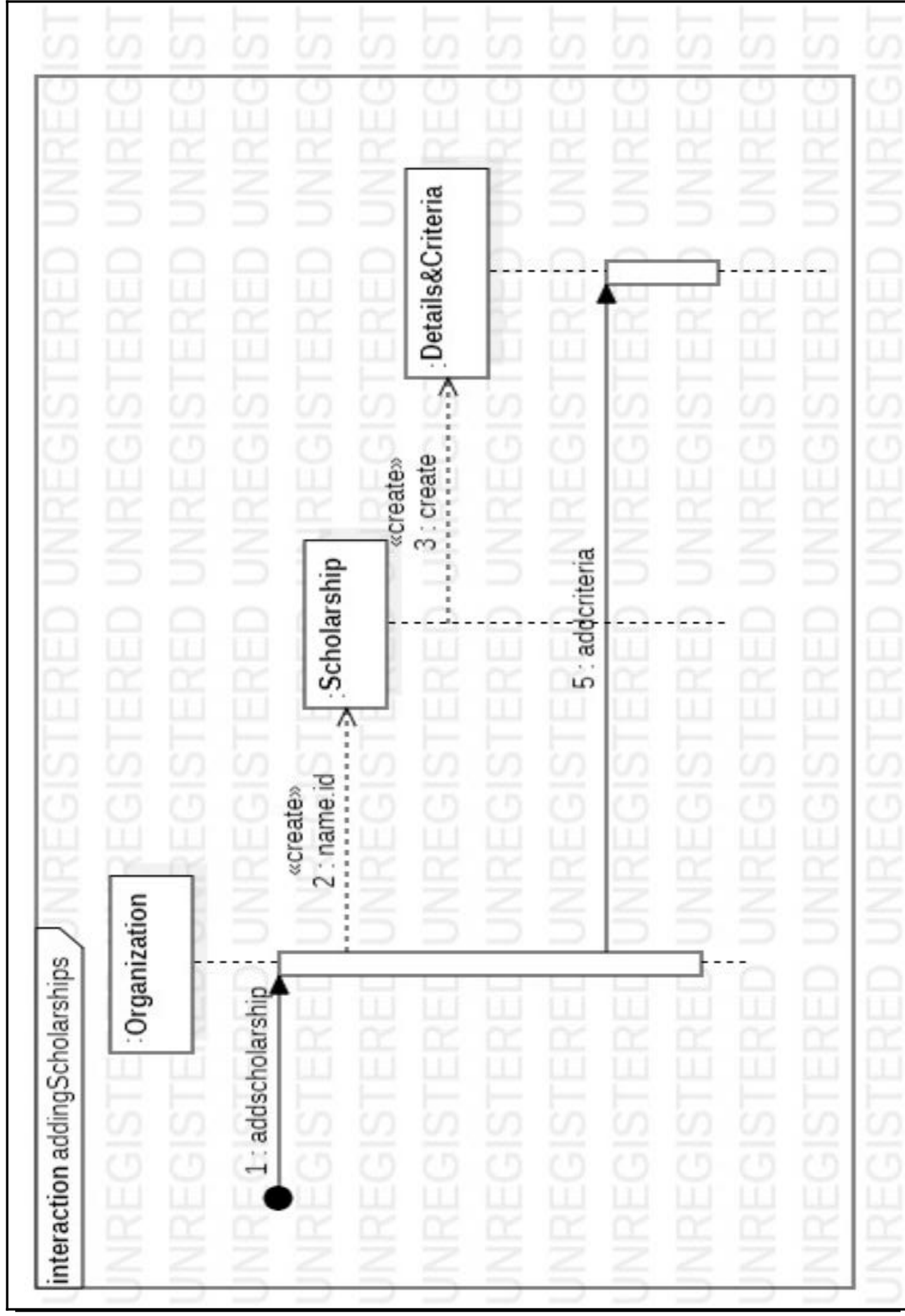
«create»  
2: name.id

:Scholarship

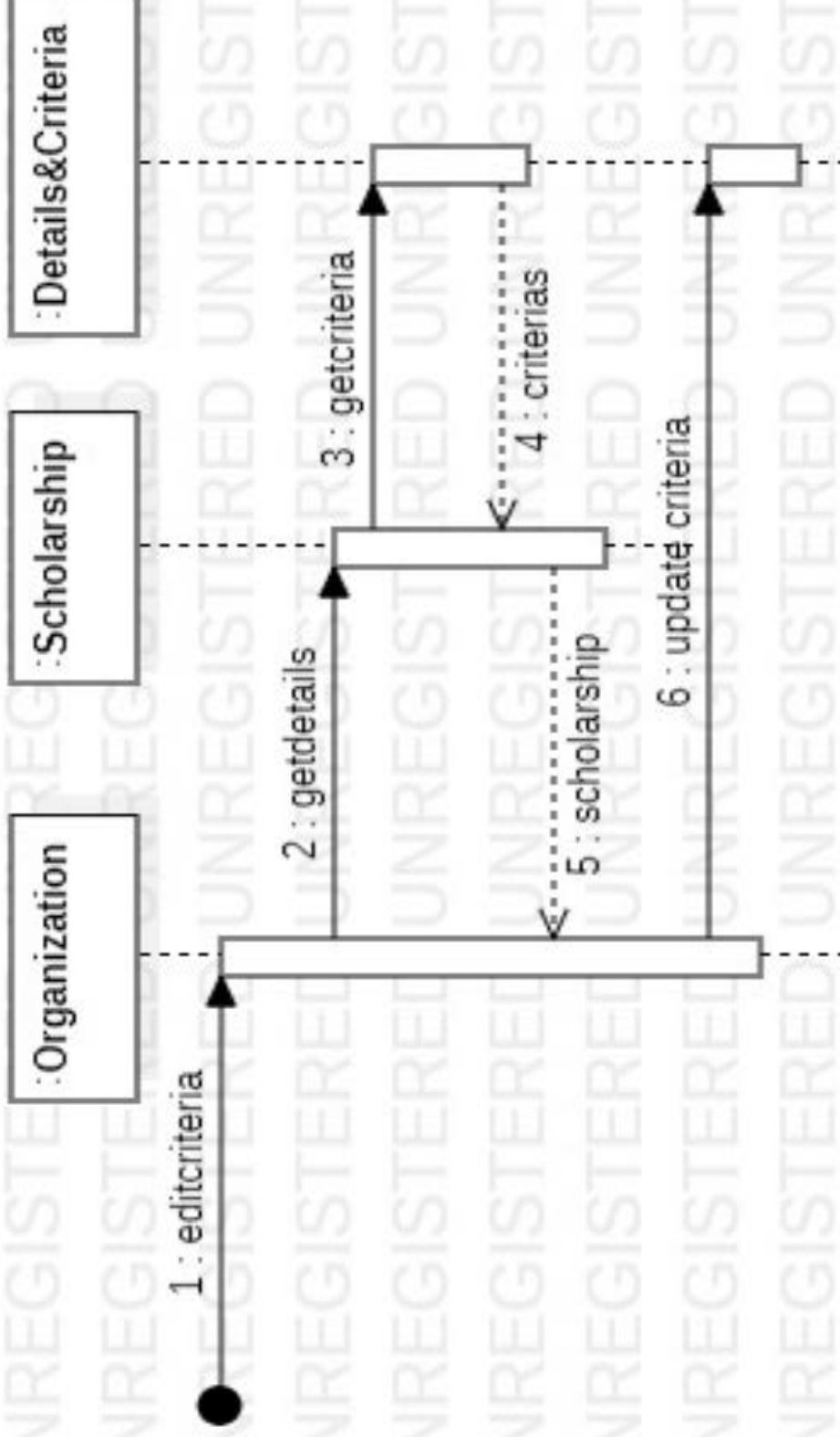
«create»  
3: create

:Details&Criteria

5: addcriteria



## interaction Editing Criterias



# interaction View Student Info

:Organization

:Selected List

:Student

:Student Details

Contact info

1 : viewstud info

2 : fetchlist

3 : list

loop

[roll no in list]

4 : get info

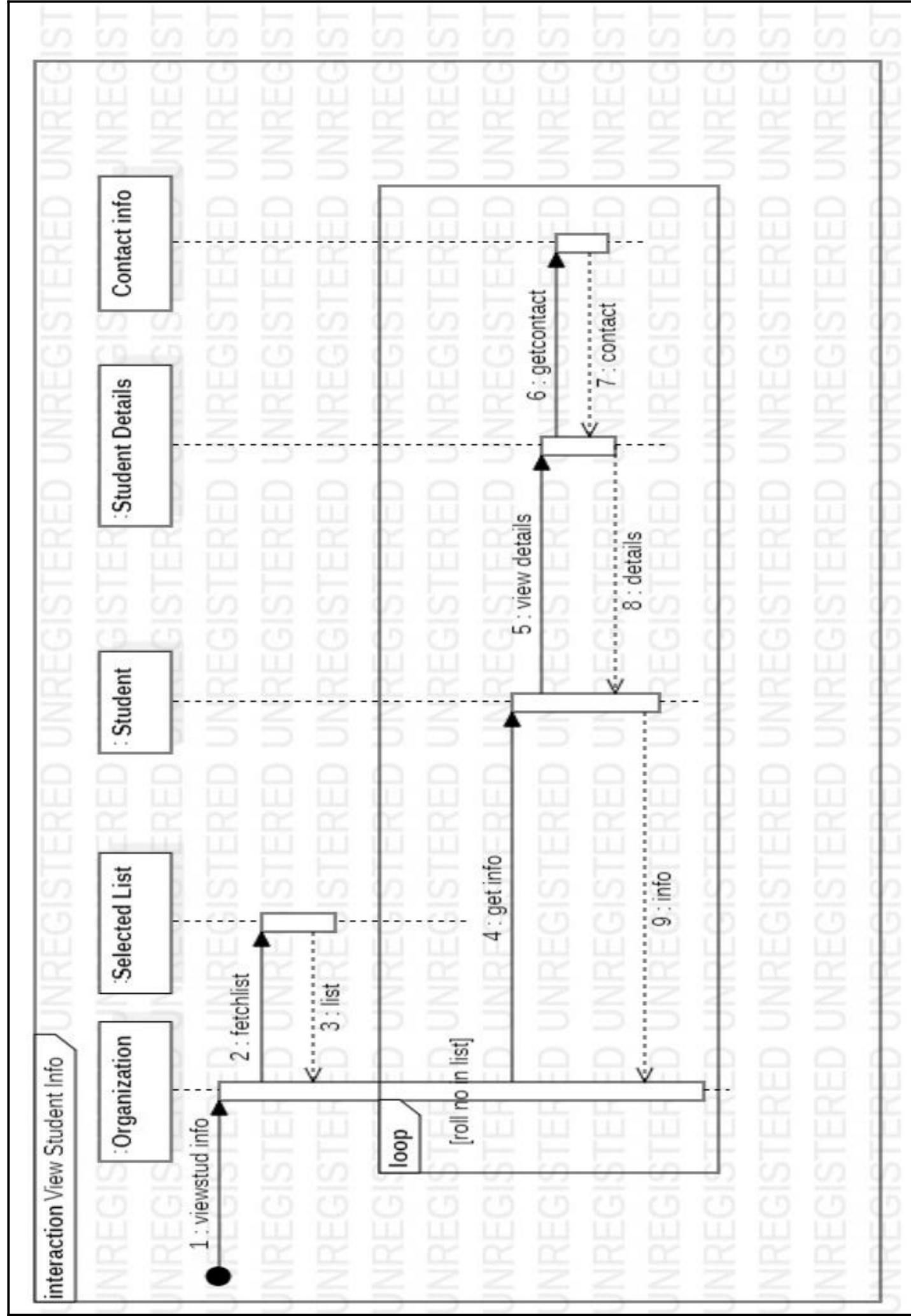
5 : view details

6 : getcontact

7 : contact

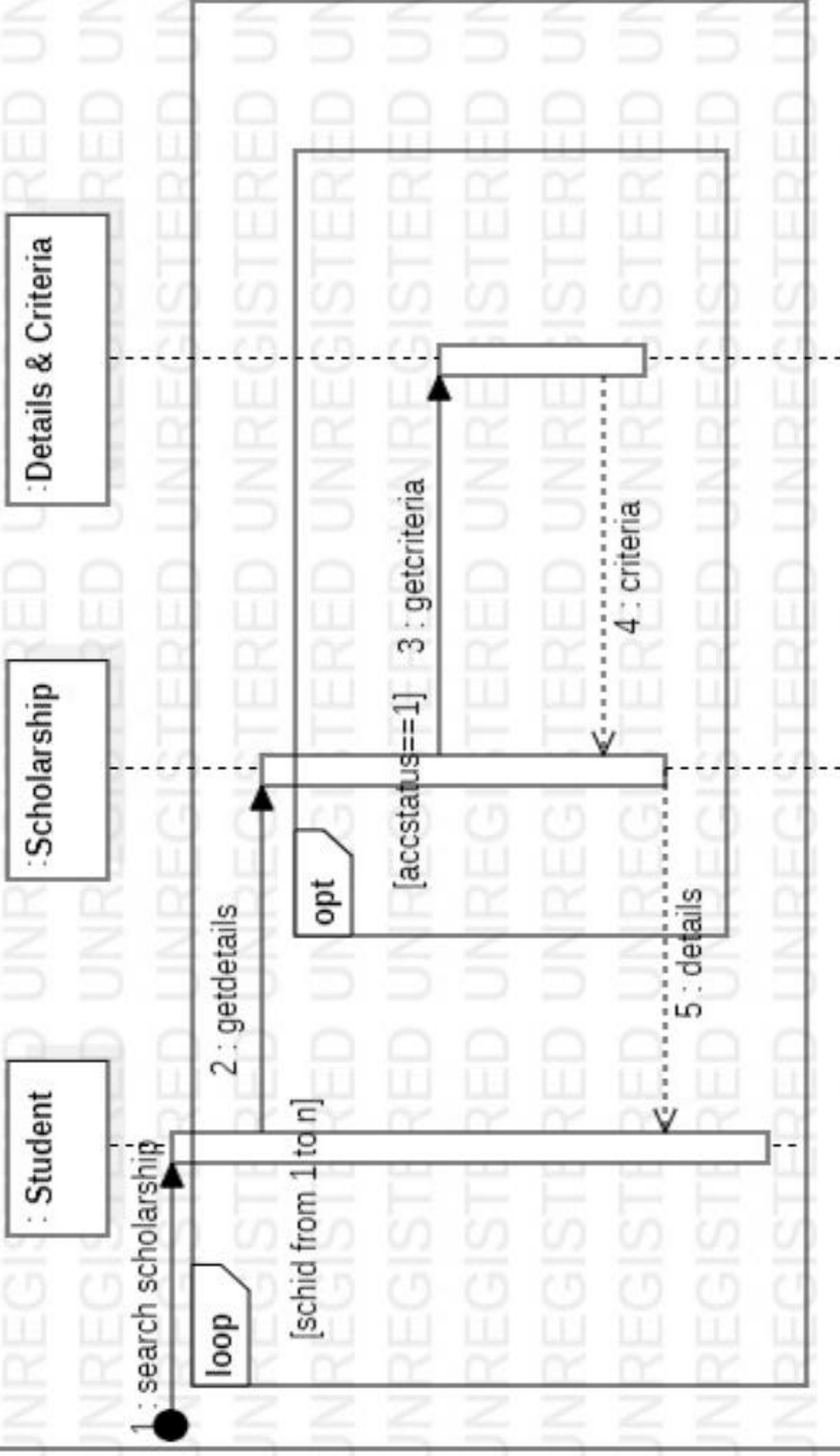
8 : details

9 : info



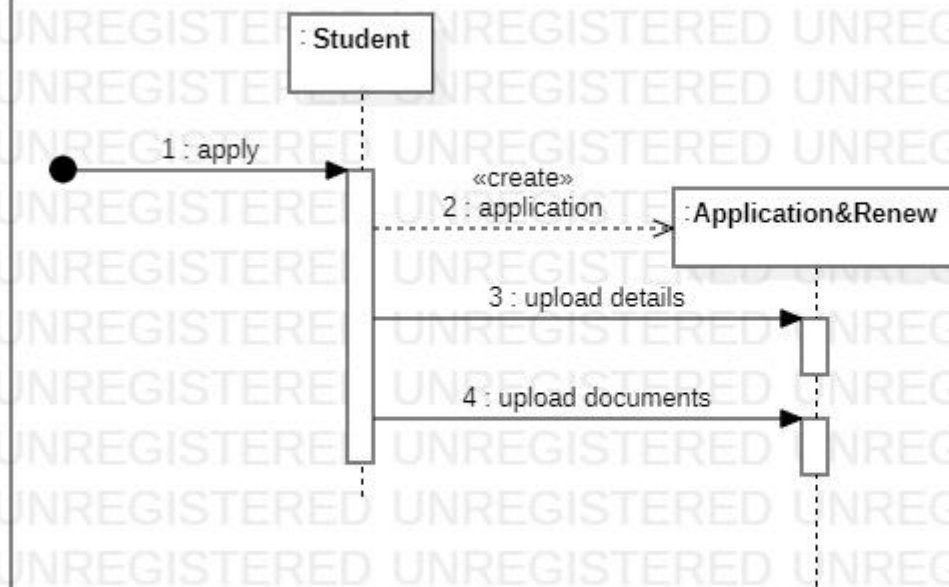


## interaction Viewing Scholarship





### interaction applying scholarship



### interaction Renewing Scholarship

