OBJECT ORIENTED ANALYSIS & DESIGN

SCHOLARSHIP - SELECTION SYSTEM

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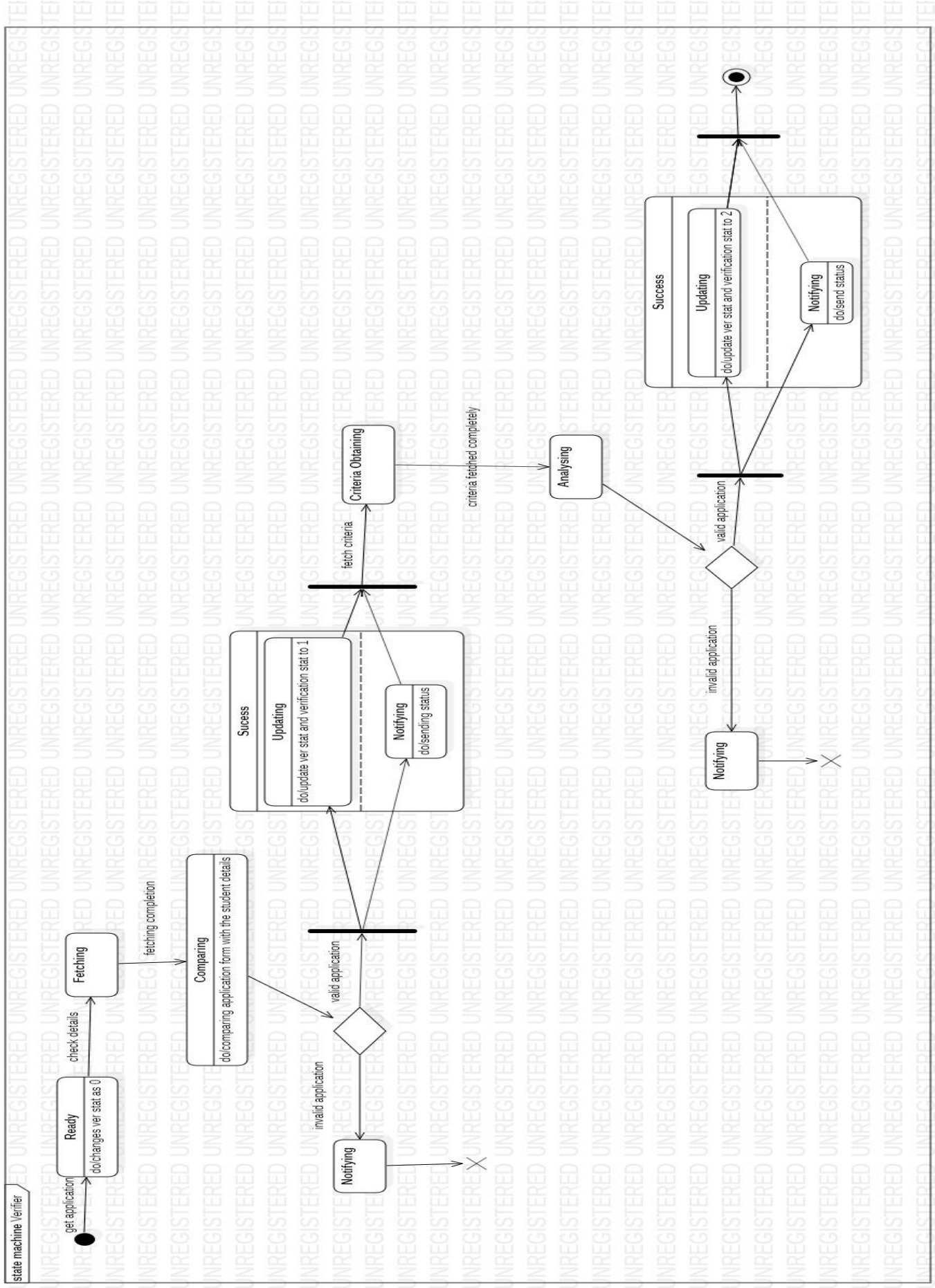
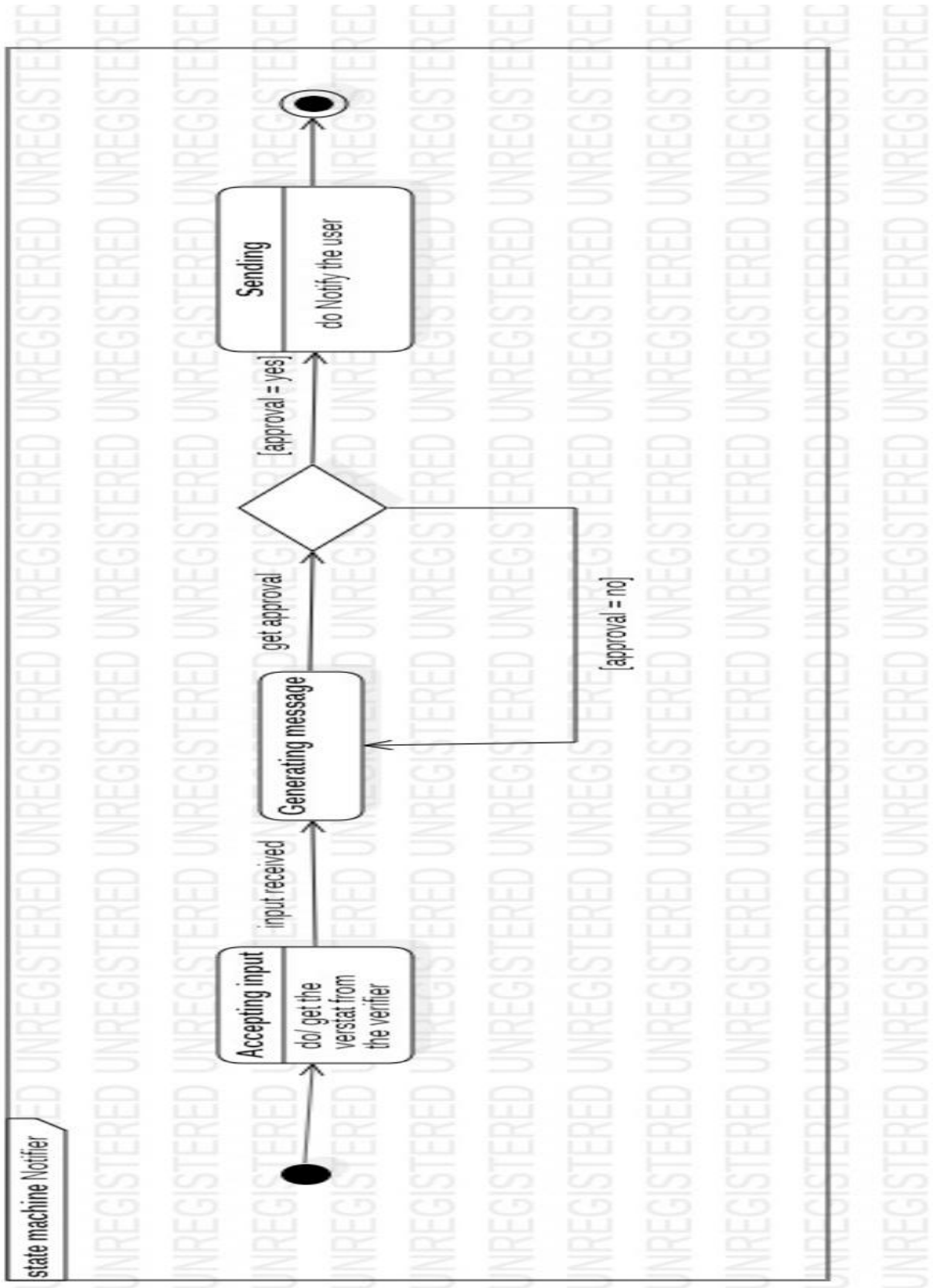
STATE MODEL DIAGRAM:

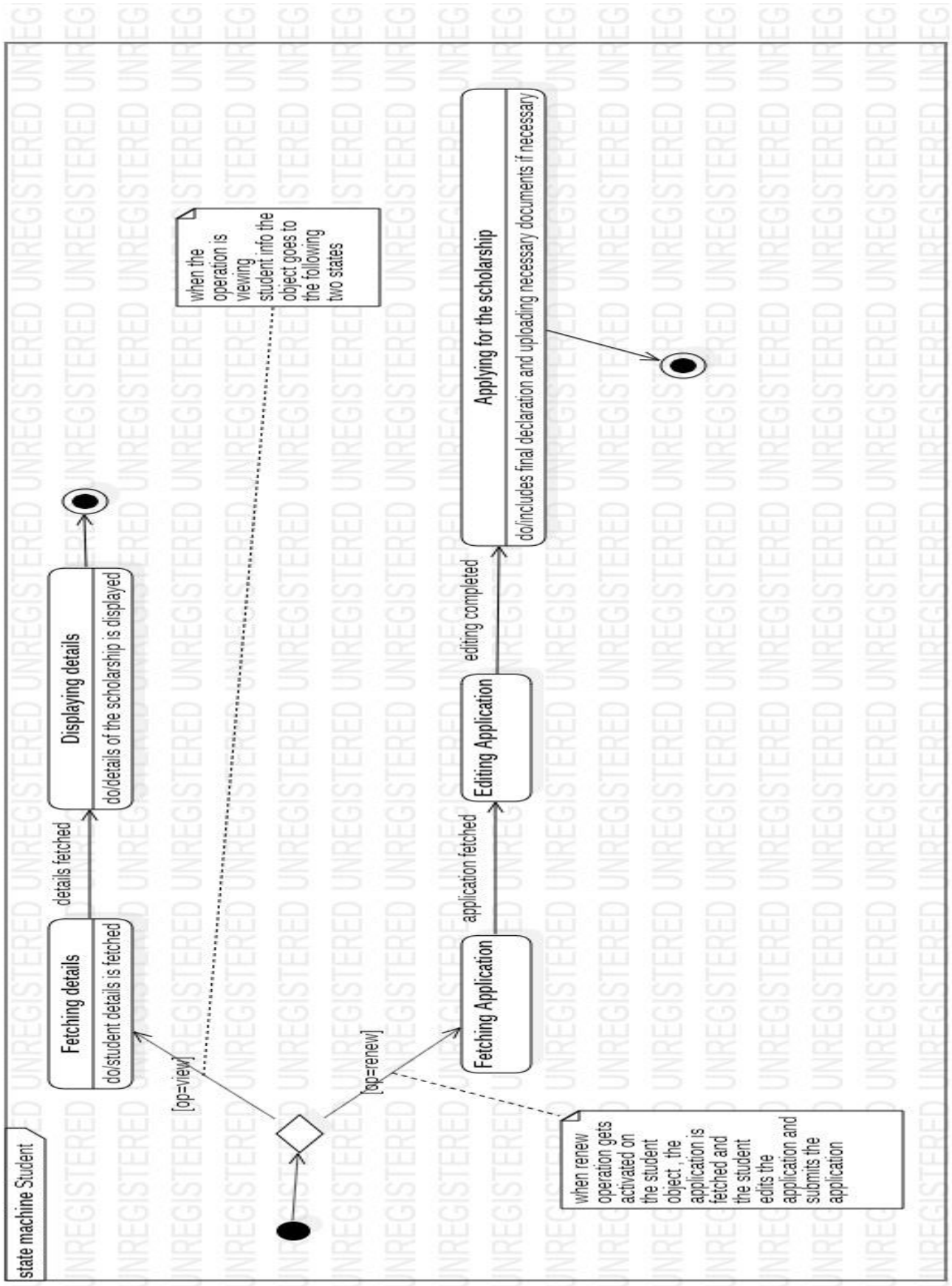
1)Verifier:



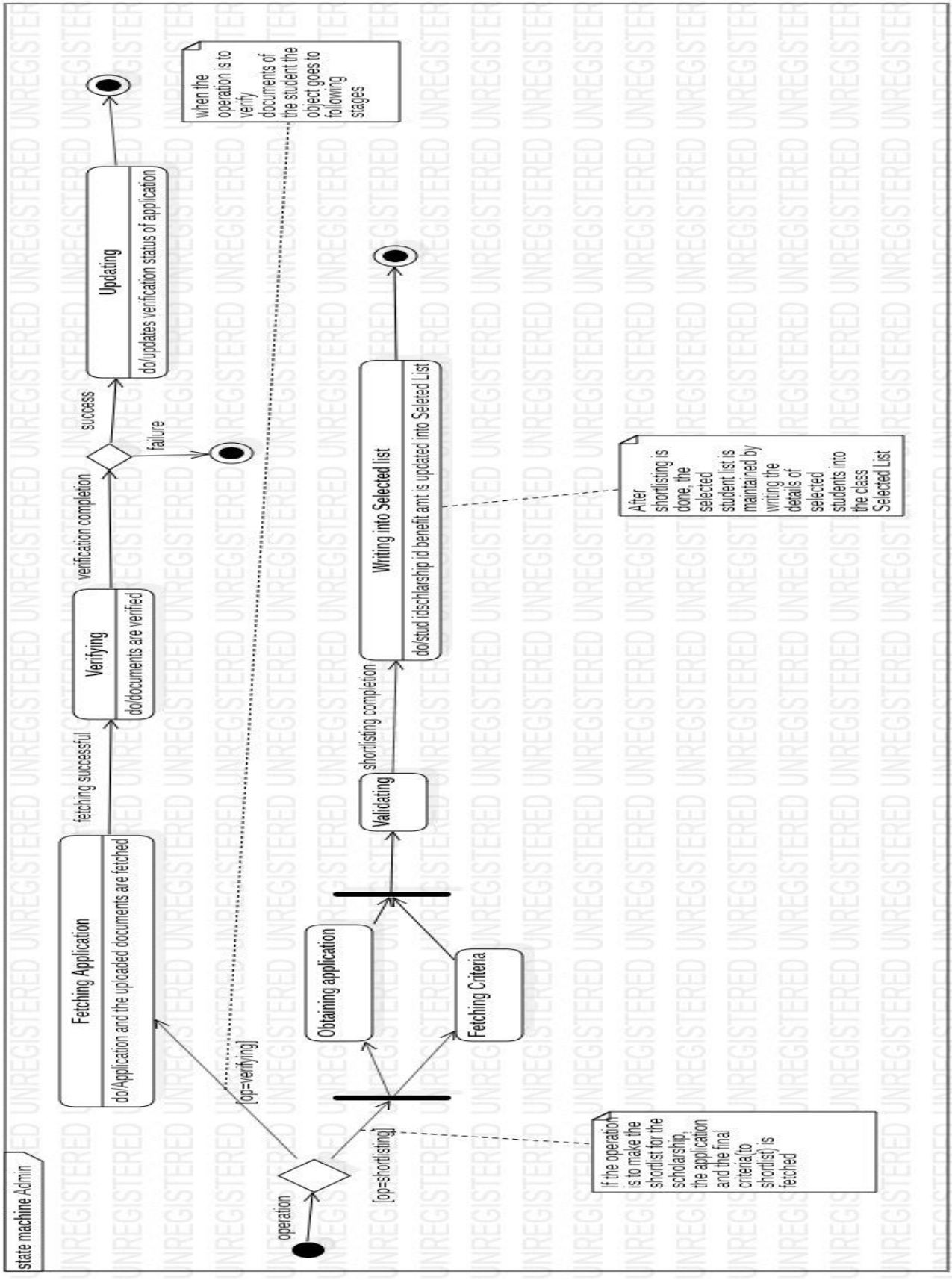
2) Notifier:


state machine Notifier
Accepting input
do/ get the verstat from the verifier
input received
Generating message
get approval
[approval = no]
[approval = yes]
Sending
do Notify the user

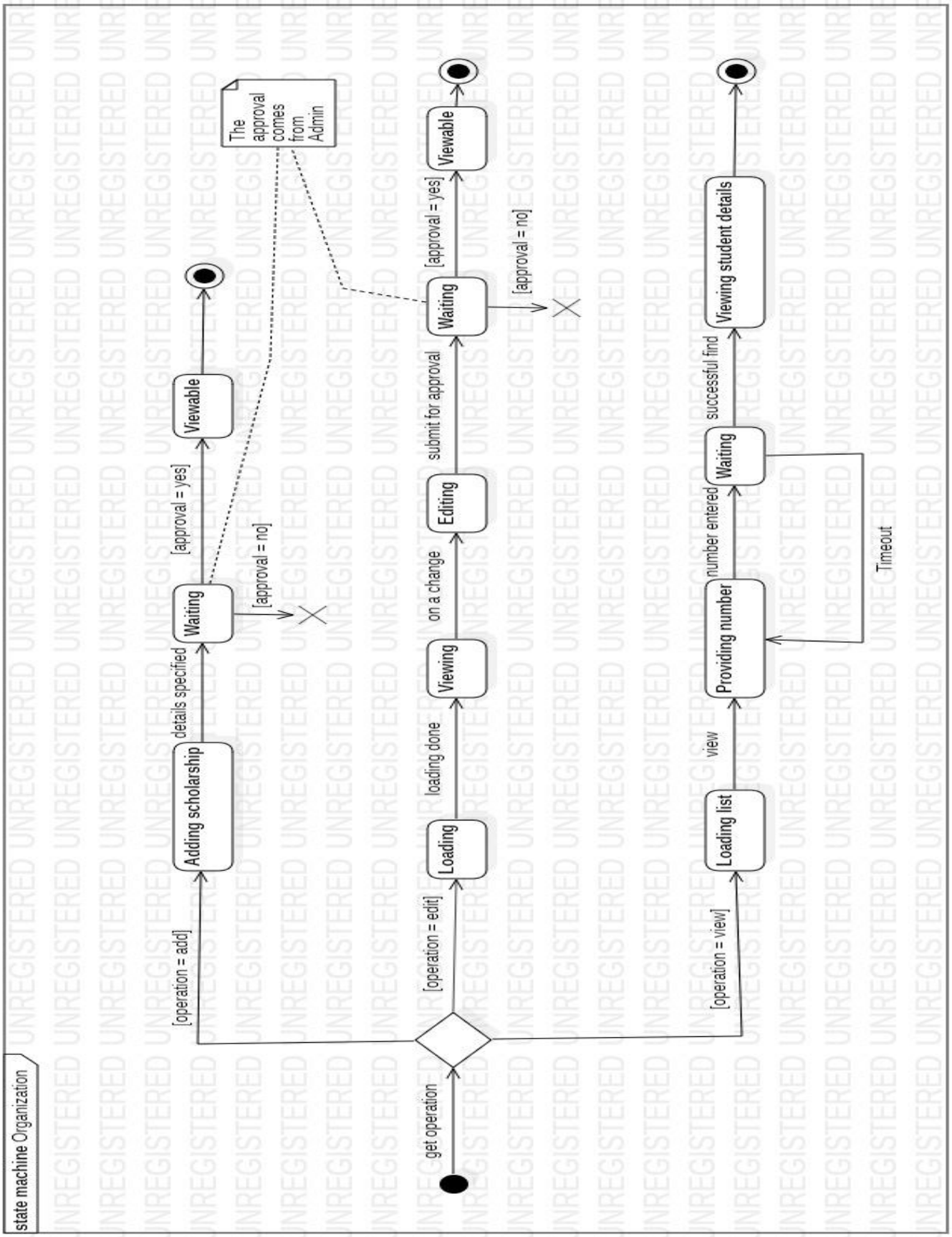
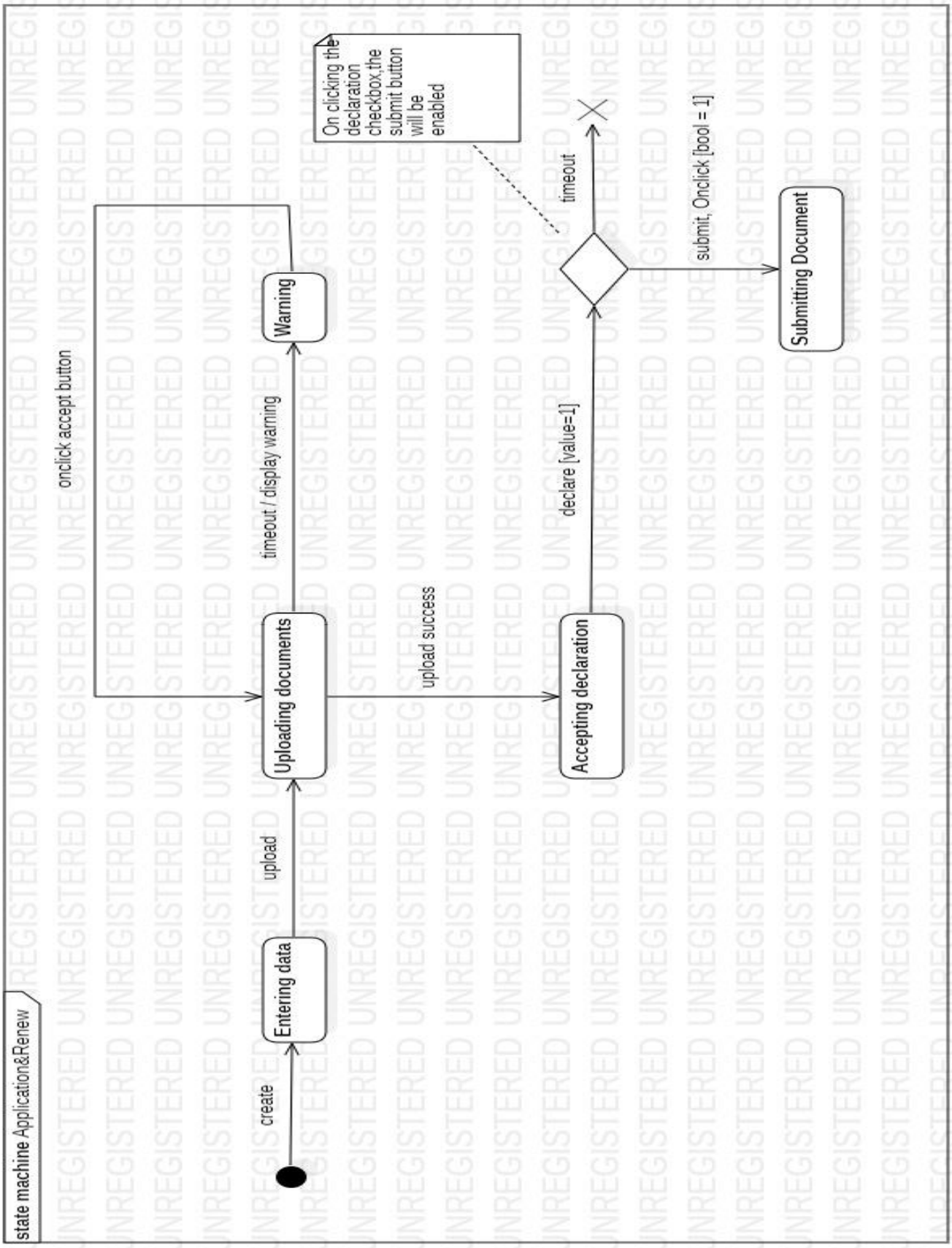
3) Student:


state machine Student
Fetching details
do/student details is fetched
details fetched
Displaying details
do/details of the scholarship is displayed
when the operation is viewing student info the object goes to the following two states
[op=view]
[op=renew]
Fetching Application
application fetched
Editing Application
editing completed
Applying for the scholarship
do/includes final declaration and uploading necessary documents if necessary
when renew operation gets activated on the student object , the application is fetched and the student edits the application and submits the application

4) Admin:


state machine Admin
operation
[op=shortlisting]
[op=verifying]
Fetching Application
do/Application and the uploaded documents are fetched
Obtaining application
Fetching Criteria
Validating
Verifying
do/documents are verified
Updating
do/updates verification status of application
Writing into Selected list
do/stud idschlarship id benefit amt is updated into Seleted List
fetching successful
shortlisting completion
verification completion
success
failure
If the operation is to make the shortlist for the scholarship, the application and the final criteria(to shortlist) is fetched
when the operation is to verify documents of the student the object goes to following stages
After shortlisting is done, the selected student list is maintained by writing the details of selected students into the class Selected List

5) Organization:



6) Application&Renew: