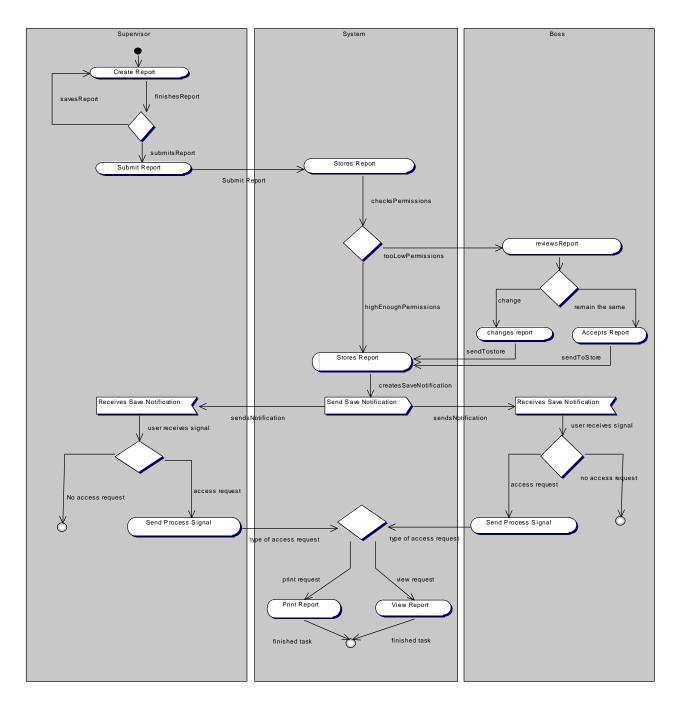# *Generate Report*

Swim Lane Detail

Swim Lane *Boss*

A Boss Object is another representation of a supervisor that has full viewing privileges and is able to create any report.

Contained Elements

Activity *Accepts Report*

This action occurs if the user decides that they do not want to make any modifications to the report. After they decide that they would like to accept the report without change then they can submit the report to be stored.

Activity *changes report*

This is the point at which the user can change the report criteria or modify the report in any way. The user can change the report as long as it's in the active state and is able to be modified.

Activity *Reviews Report*

When a supervisor's boss is flagged to review a report that was generated then this object is used to display the report that was generated and allow all the options to modify the report.

Decision *Change Or Accept Report*

When the supervisor's boss receives the report they can choose to either modify the report or to simply save the report back to the system as is.

Signal Receipt Receives Save Notification

The employee receives the save notification from the system.

Swim Lane *Supervisor*

A Supervisor is an Object that represents a user of the system that does not have full permissions but does have the ability to create a view reports of certain items.

Contained Elements

Activity *Create Report*

A Report can be created by a supervisor. A report could be anything from an employee usage report to a employee availability report. For any of the reports that a supervisor chooses to generate they can choose what they want in the report as well as the export format from available options.

Activity *Submit Report*

At this point, the report would be submitted to the system to either be reviewed or submitted based on the supervisors permissions.

Decision *Save or Submit*

If the supervisor finishes the report, whether it is finished for the time being or finished and would like to submit the report, then the supervisor can choose to either submit the report or to save the report until it needs to be modified again.

Signal Receipt Receives Save Notification

The supervisor receives the save notification from the system.

Swim Lane *System*

The system is the main backend that handles all the user's request's. The system is the main bulk of the program and has all priveledges when it comes to generating reports, etc.

Contained Elements

Activity *Stores Report*

This will store the report into the database and check the permissions to see if the report will be submitted directly or if it needs to be reviewed by the supervisors boss.

Decision *Permission Level*

When the system goes to store a report in the database it needs to check to see if the user that submitted the report has the appropriate permissions to view all the data in the report.

Signal Sending Send Save Notification

After a notification has been created the system will then send the notification to all users that have the correct permissions to view the report and users affected by the report.

Activity Detail

Activity *Print Report*

The system will print the report that was stored earlier in the system.

Activity *Send Process Signal*

This is used to send the process signal to the system from the user to let the system know that the user wants to do something further with the report that was stored.

Activity *Send Process Signal*

This is used to send the process signal to the system from the user to let the system know that the user wants to do something further with the report that was stored.

Activity *View Report*

This will send a view back to the user that requested to view the report.

Decision Detail

Decision *Access Request Type*

This decision block translates the type of request that the user submitted. If the request type is printing the report then it will proceed with printing the report.

◇ **Decision** *Additional Employee Report Action*

If the user receives a notification that the report was successfully stored then the user can either choose to perform an action on the report (print, etc) or just choose to terminate this section of the program.

◇ **Decision** *Additional Supervisor Report Action*

If the user receives a notification that the report was successfully stored then the user can either choose to perform an action on the report (print, etc) or just choose to terminate this section of the program.