CS3530 - Assignment 2 Data Flow Diagram
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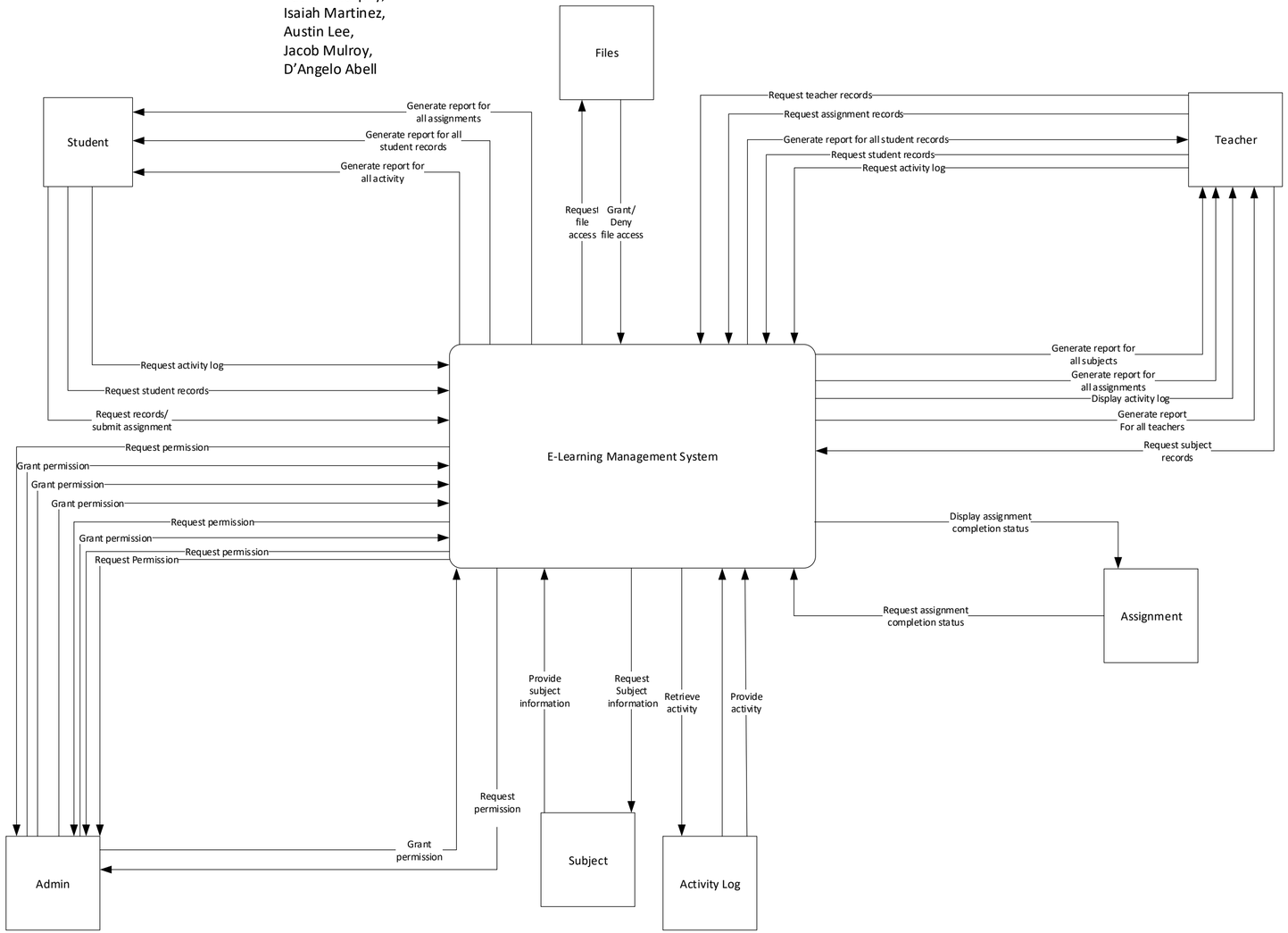
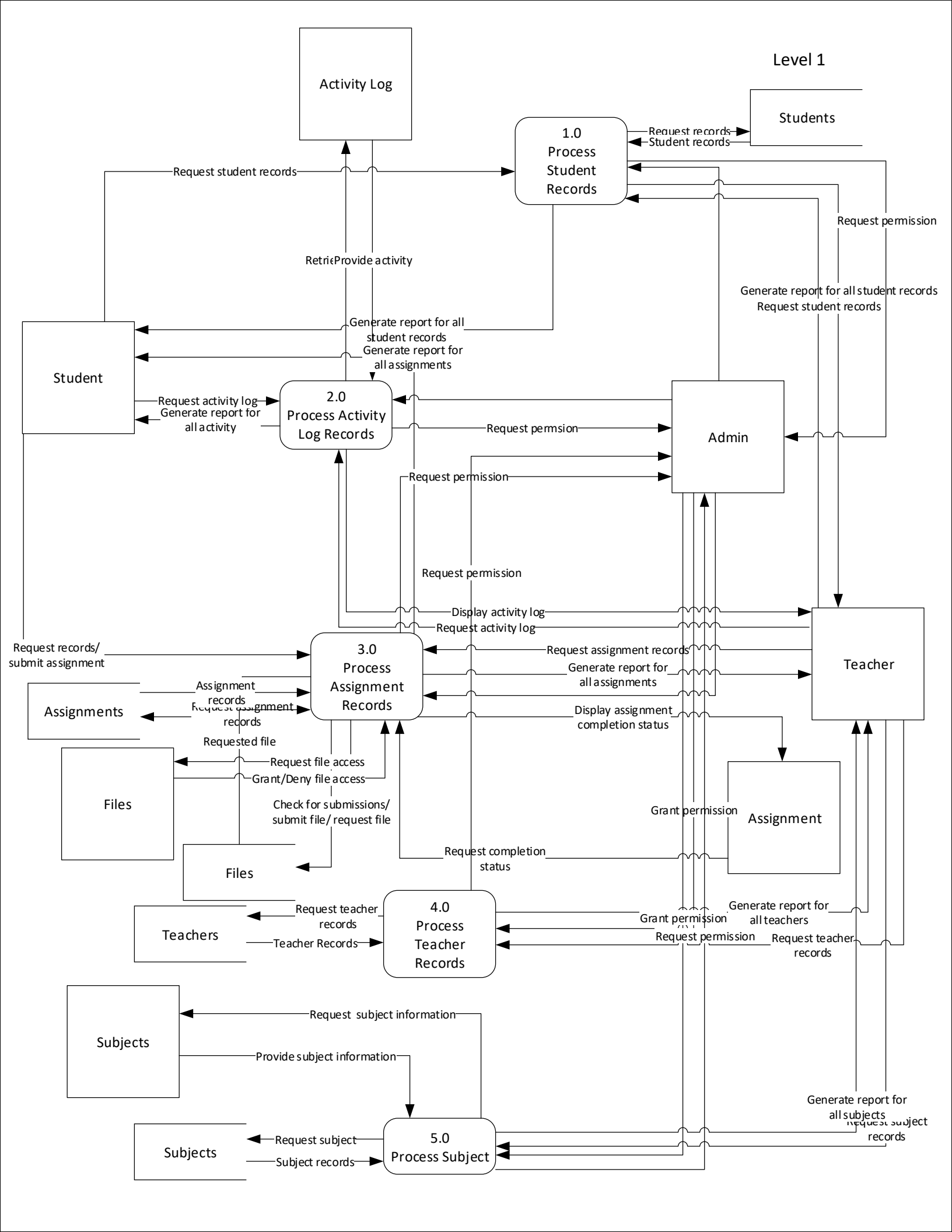
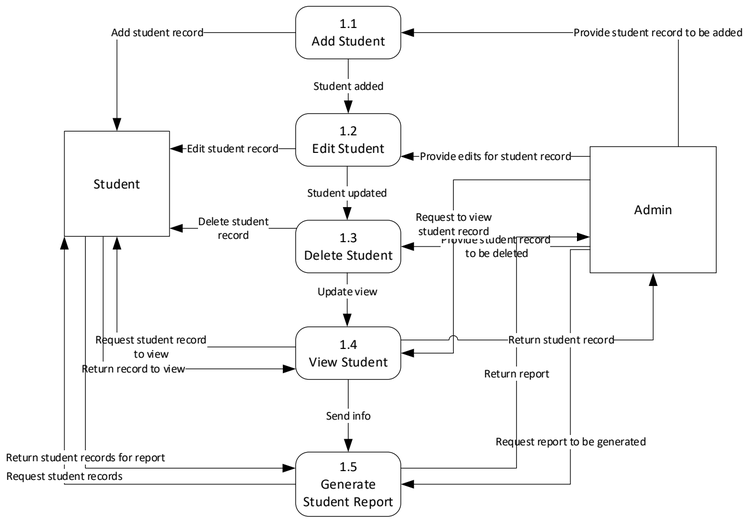
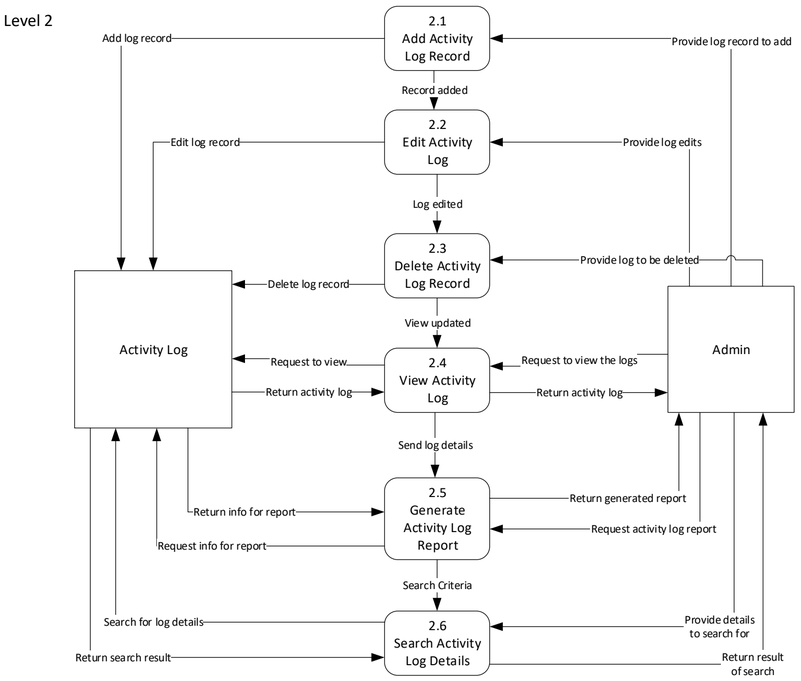
Level 0

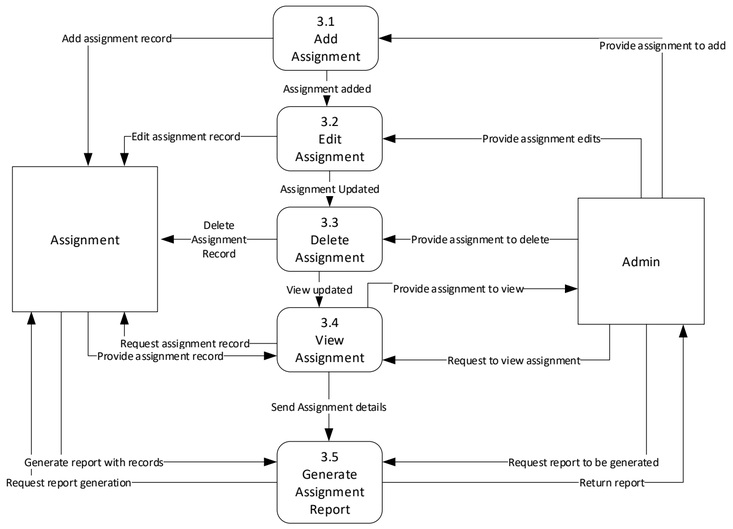


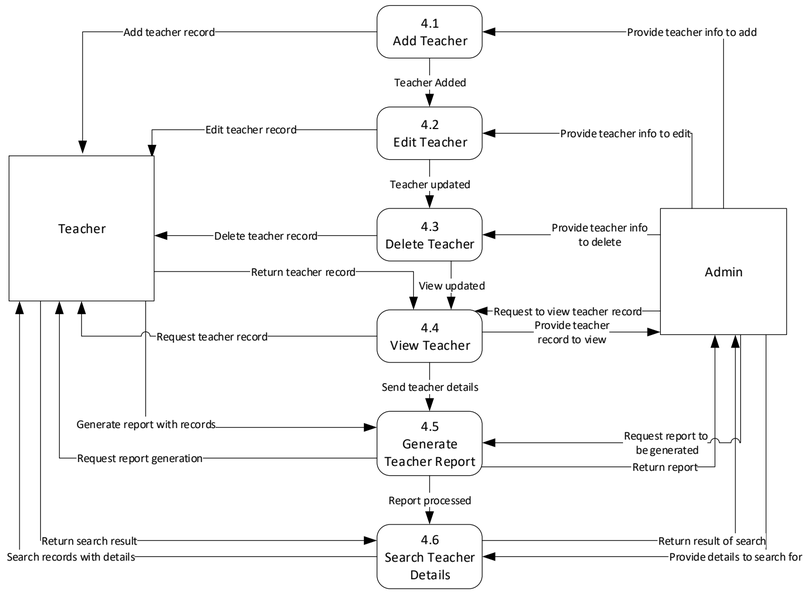

Level 1
Activity Log
Students
1.0
Process
Student
Records
Request records
Student records
Request student records
Request permission
Retrie
Provide activity
Generate report for all student records
Request student records
Generate report for all
student records
Generate report for
all assignments
Student
Request activity log
Generate report for
all activity
2.0
Process Activity
Log Records
Request permsion
Admin
Request permission
Request permission
Display activity log
Request activity log
Request records/
submit assignment
3.0
Process
Assignment
Records
Request assignment records
Generate report for
all assignments
Teacher
Assignments
Assignment
records
Request assignment
records
Display assignment
completion status
Requested file
Request file access
Grant/Deny file access
Files
Check for submissions/
submit file/ request file
Grant permission
Assignment
Request completion
status
Files
Request teacher
records
4.0
Process
Teacher
Records
Generate report for
all teachers
Grant permission
Request permission
Request teacher
records
Teachers
Teacher Records
Subjects
Request subject information
Provide subject information
Generate report for
all subjects
Request subject
records
Subjects
Request subject
Subject records
5.0
Process Subject

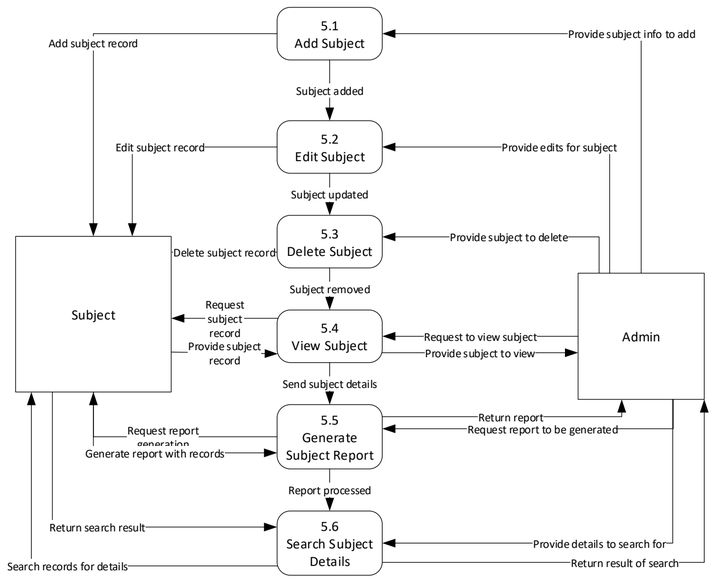
Level 2

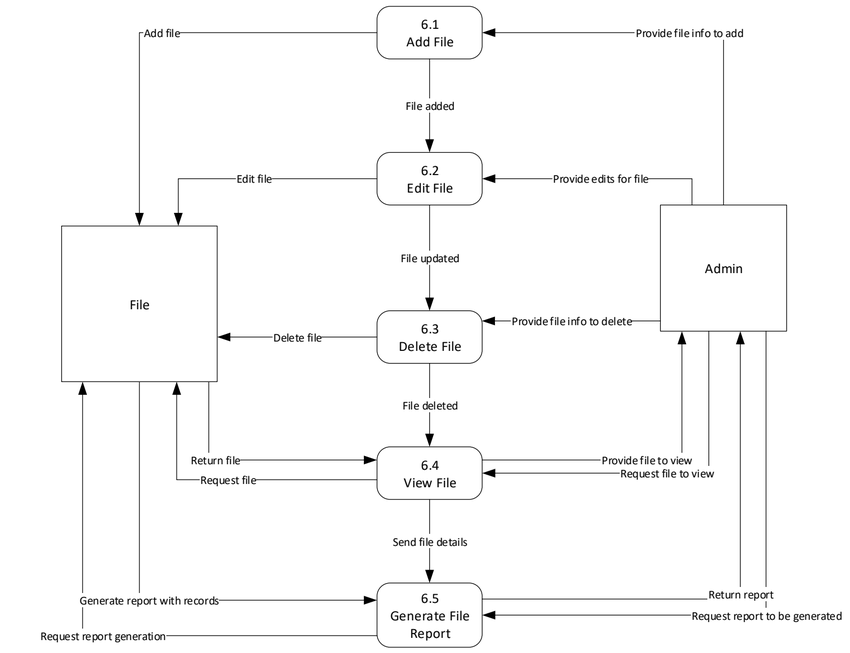

1.1
Add Student
Add student record
Provide student record to be added
Student added
1.2
Edit Student
Edit student record
Provide edits for student record
Student
Admin
Student updated
Delete student record
Request to view student record
Provide student record to be deleted
1.3
Delete Student
Update view
1.4
View Student
Request student record to view
Return record to view
Return student record
Return report
Send info
Request report to be generated
Return student records for report
Request student records
1.5
Generate Student Report


2.1
Add Activity Log Record
Add log record
Provide log record to add
Record added
2.2
Edit Activity Log
Edit log record
Provide log edits
Log edited
2.3
Delete Activity Log Record
Provide log to be deleted
Delete log record
Activity Log
Admin
View updated
Request to view
Request to view the logs
2.4
View Activity Log
Return activity log
Return activity log
Send log details
Return info for report
Request info for report
2.5
Generate Activity Log Report
Return generated report
Request activity log report
Search Criteria
Search for log details
Return search result
2.6
Search Activity Log Details
Provide details to search for
Return result of search


3.1
Add Assignment
Add assignment record
Provide assignment to add
Assignment added
3.2
Edit Assignment
Edit assignment record
Provide assignment edits
Assignment
Assignment Updated
Delete Assignment Record
3.3
Delete Assignment
Provide assignment to delete
Admin
View updated
Provide assignment to view
3.4
View Assignment
Request assignment record
Provide assignment record
Request to view assignment
Send Assignment details
Generate report with records
Request report generation
3.5
Generate Assignment Report
Request report to be generated
Return report


4.1
Add Teacher
Add teacher record
Provide teacher info to add
Teacher Added
4.2
Edit Teacher
Edit teacher record
Provide teacher info to edit
Teacher
Teacher updated
Delete teacher record
4.3
Delete Teacher
Provide teacher info to delete
Admin
Return teacher record
View updated
Request to view teacher record
Request teacher record
4.4
View Teacher
Provide teacher record to view
Send teacher details
Generate report with records
Request report generation
4.5
Generate Teacher Report
Request report to be generated
Return report
Report processed
Return search result
Search records with details
4.6
Search Teacher Details
Return result of search
Provide details to search for


5.1
Add Subject
Add subject record
Provide subject info to add
Subject added
5.2
Edit Subject
Edit subject record
Provide edits for subject
Subject updated
5.3
Delete Subject
Delete subject record
Provide subject to delete
Subject
Subject removed
Request subject record
Provide subject record
5.4
View Subject
Request to view subject
Provide subject to view
Admin
Send subject details
Request report generation
Generate report with records
5.5
Generate Subject Report
Return report
Request report to be generated
Report processed
Return search result
Search records for details
5.6
Search Subject Details
Provide details to search for
Return result of search


6.1
Add File
Add file
Provide file info to add
File added
6.2
Edit File
Edit file
Provide edits for file
File
Admin
File updated
Delete file
6.3
Delete File
Provide file info to delete
File deleted
Return file
Request file
6.4
View File
Provide file to view
Request file to view
Send file details
Generate report with records
Request report generation
6.5
Generate File Report
Return report
Request report to be generated