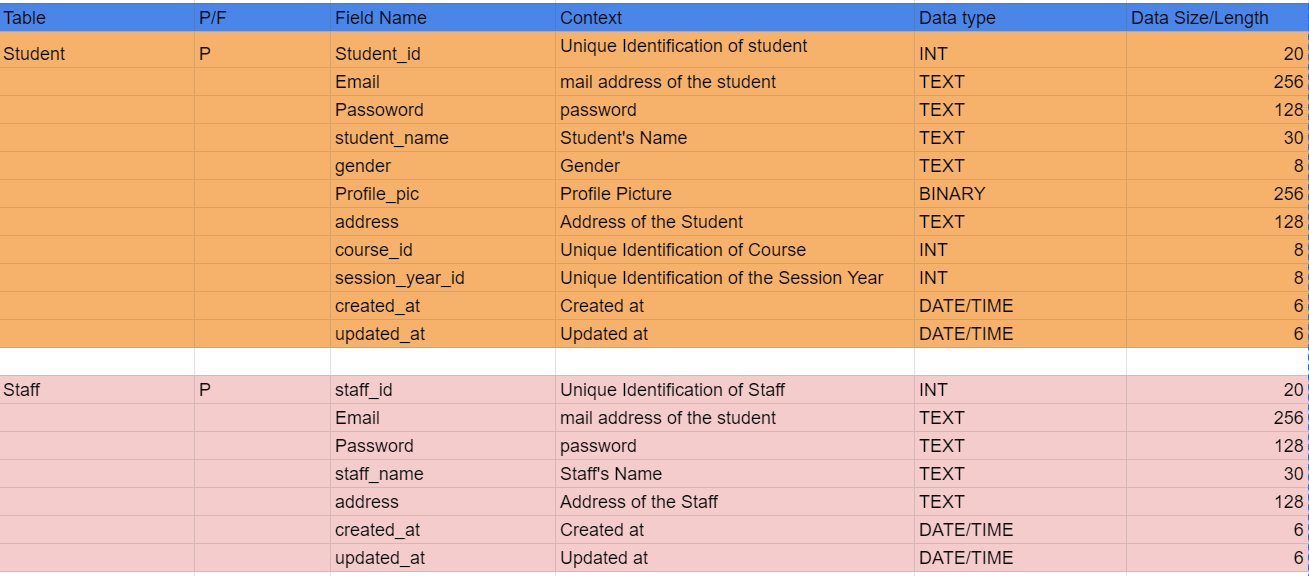
DATA DICTIONARY - EAKADAMIK 2

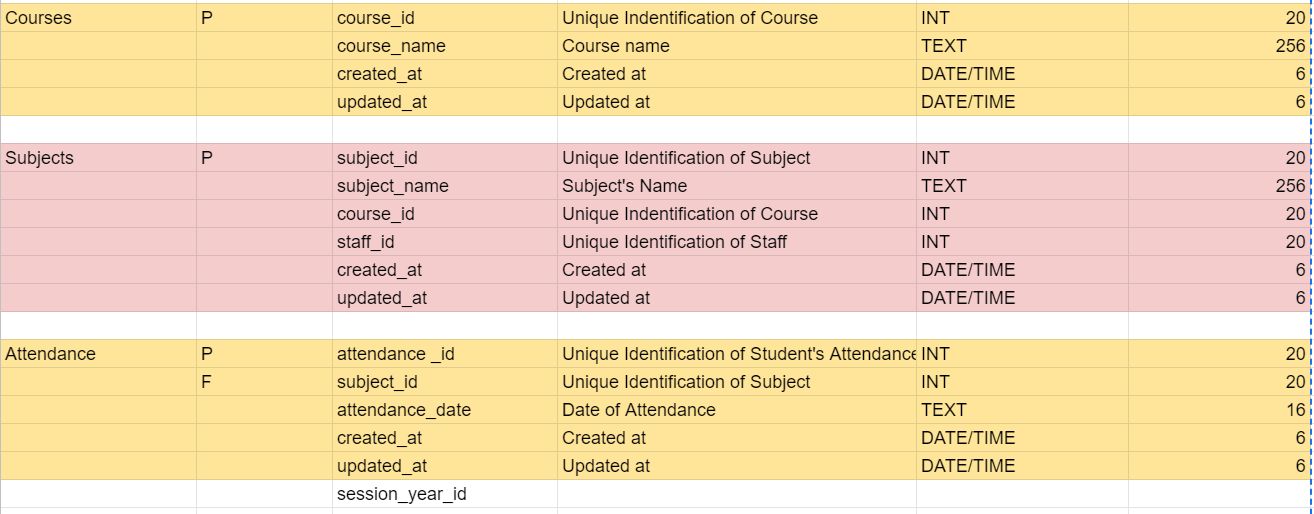
|  |  |
| --- | --- |
| **1st Level Process Descriptions** | |
|  |  |
| **Process Name** | Login |
| **Description** | Individual's details are entered and based on that, the individual is either registered, logged in or unauthorized login. |
| **Inbound Data Flows** | Login/Register credentials |
| **Outbound Data Flows** | Approval/Disapproval |
|  |  |
| **Process Name** | Add Student |
| **Description** | Registers the students and gets their personal details. |
| **Inbound Data Flows** | Registration Credentials including name, address etc. |
| **Outbound Data Flows** | Registration details for Student Login |
|  |  |
| **Process Name** | Add Staff |
| **Description** | Registers the students and gets their personal details. |
| **Inbound Data Flows** | Registration Credentials including name, address etc. |
| **Outbound Data Flows** | Registration details for Staff Login. |
|  |  |
| **Process Name** | Add Session |
| **Description** | Admin adds and manages the Session year |
| **Inbound Data Flows** | Session Year Details |
| **Outbound Data Flows** | Session year Details Updated in Database |
|  |  |
| **Process Name** | Add Course |
| **Description** | Admin adds and manages the courses offered by the college |
| **Inbound Data Flows** | Course Details including name , id |
| **Outbound Data Flows** | Course Details updated in Database |
|  |  |
| **Process Name** | Add subject |
| **Description** | Admin adds and manages the subjects offered for the given course by the college |
| **Inbound Data Flows** | Subject Details including name etc. |
| **Outbound Data Flows** | Subject details updated in database |
|  |  |
| **Process Name** | View Attendance |
| **Description** | Student views the attendance given for a subject by the staff and can also be viewed by the admin |
| **Inbound Data Flows** | Staff gives, updates attendance details , Student view attendance |
| **Outbound Data Flows** | Attendance Details updated in the database |
|  |  |
| **Process Name** | Grade list |
| **Description** | Grades given by the staff for a subject and displayed to the students |
| **Inbound Data Flows** | Student Details+Assignment Marks+Exam Marks |
| **Outbound Data Flows** | Assignment Marks and Exam Marks |
|  |  |
| **Process Name** | Student/Staff Leave |
| **Description** | Student/Staff Applies for Leave with a Message and Admin approves/ disapproves the request |
| **Inbound Data Flows** | Student Leave Details+ Approval/Disapproval |
| **Outbound Data Flows** | Approval/Disapproval + Leave Request |
|  |  |
| **Process Name** | Student / Staff Notification |
| **Description** | Student/Staff Receives the Notification sent by Admin |
| **Inbound Data Flows** | Notification message from Admin |
| **Outbound Data Flows** | Notification Message Received by Student/Staff |
|  |  |
| **Process Name** | Student / Staff Feedback |
| **Description** | Student/Staff sends the Feedback to the Admin |
| **Inbound Data Flows** | Feedback Message from Student/Staff |
| **Outbound Data Flows** | Feedback Message Received by Admin |
|  |  |
| **1st Level Data Flow Descriptions** | |
|  |  |
| **Data Flow Name** | View Grades |
| **Description** | Student view the Grades and Marks given by the staff for the subject |
| **From Processes** |  |
| **To Processes** | Grade List |
| **Data Structures** | Subject , Assignment Marks, Exam Marks, Status |
|  |  |
| **Data Flow Name** | View attendance |
| **Description** | Student view the Attendance given by the staff for the subject |
| **From Processes** |  |
| **To Processes** | View Attendance |
| **Data Structures** | Subject , Start Date, End Date |
|  |  |
| **Data Flow Name** | Give/Take Attendance |
| **Description** | Staff takes and gives the Attendance for the subject taken by them |
| **From Processes** |  |
| **To Processes** | View Attendance |
| **Data Structures** | Subject, Session Year, Date, Student |
|  |  |
| **Data Flow Name** | Update/view Attendance |
| **Description** | Staff can update and View the Attendance Report given by them to the students |
| **From Processes** |  |
| **To Processes** | View Attendance |
| **Data Structures** | Subject, Session Year, Attendance Date, Student |
|  |  |
| **Data Flow Name** | Give Grades |
| **Description** | Staff gives marks and Grades to the student for the subject |
| **From Processes** |  |
| **To Processes** | Grade List |
| **Data Structures** | Subject, Session year, Student Id, Assignment Marks, Exam Marks |
|  |  |
| **Data Flow Name** | View Attendance |
| **Description** | Admin can overview the attendance report given by the staff to the student |
| **From Processes** |  |
| **To Processes** | View Attendance |
| **Data Structures** | Subject, Session Year, Attendance Date, Student |
|  |  |
| **Data Flow Name** | View /Update Grades |
| **Description** | Staff can Update and view the grades given to the students for their respective subjects |
| **From Processes** |  |
| **To Processes** |  |
| **Data Structures** | Subject, Session year, Student Id, Assignment Marks, Exam Marks |
|  |  |
| **Data Flow Name** | Student details |
| **Description** | Admin Adds the Student’s Details for Registration and Further Login for student |
| **From Processes** |  |
| **To Processes** | Add Student |
| **Data Structures** | Student - Email, Password, Name, Username, Address, Course,Session Year ,Gender |
|  |  |
| **Data Flow Name** | Staff Details |
| **Description** | Admin Adds the Staff’s Details for Registration and Further Login for student |
| **From Processes** |  |
| **To Processes** | Add Staff |
| **Data Structures** | Staff- Email, Password, Name,Username,Address |
|  |  |
| **Data Flow Name** | Session year Details |
| **Description** | Admin adds and manage the various sesion years for various batches |
| **From Processes** |  |
| **To Processes** | Add/Manage Session Year |
| **Data Structures** | Session Start Year, Session End Year |
|  |  |
| **Data Flow Name** | Course Details |
| **Description** | Admin adds and manages the various courses offered by the institute |
| **From Processes** |  |
| **To Processes** | Add Course |
| **Data Structures** | Course Name |
|  |  |
| **Data Flow Name** | Subject Details |
| **Description** | Admin adds and manages the various Subjects for the particular course offered by the institute |
| **From Processes** |  |
| **To Processes** | Add Subject |
| **Data Structures** | Subject Name, Course, Staff |
|  |  |
| **Data Flow Name** | Staff Details(Login) |
| **Description** | Login Details are given to the Process for Staff Login |
| **From Processes** |  |
| **To Processes** | Login Staff |
| **Data Structures** | Staff Email and Password |
|  |  |
| **Data Flow Name** | Student Details(Login) |
| **Description** | Login Details are given to the Process for Student Login |
| **From Processes** |  |
| **To Processes** | Login Student |
| **Data Structures** | Student Email and Password |
|  |  |
| **Data Flow Name** | Apply Leave Details |
| **Description** | Student requests for Leave and provide appropriate reason for leave |
| **From Processes** |  |
| **To Processes** | Student Leave |
| **Data Structures** | Leave Date , Leave Reason |
|  |  |
| **Data Flow Name** | Apply Leave Details |
| **Description** | Staff requests for Leave and provide appropriate reason for leave |
| **From Processes** |  |
| **To Processes** | Staff Leave |
| **Data Structures** | Leave Date, Leave Reason |
|  |  |
| **Data Flow Name** | Leave Approval |
| **Description** | Student receives the approval or disapproval for the leave request |
| **From Processes** | Student Leave |
| **To Processes** |  |
| **Data Structures** | Accepted/Rejected |
|  |  |
| **Data Flow Name** | Leave Approval |
| **Description** | Staff receives the approval or disapproval for the leave request |
| **From Processes** | Staff Leave |
| **To Processes** |  |
| **Data Structures** | Accepted/Rejected |
|  |  |
| **Data Flow Name** | Get Leave Request |
| **Description** | Admin Receives the Leave Request given by the Student |
| **From Processes** | Student Leave |
| **To Processes** |  |
| **Data Structures** | Student Id, Name, Leave Date, Leave Message, Apply Date |
|  |  |
| **Data Flow Name** | Get Leave Request |
| **Description** | Admin Receives the Leave Request given by the Student |
| **From Processes** | Staff Leave |
| **To Processes** |  |
| **Data Structures** | Staff Id, Name, Leave Date, Leave Message, Apply Date |
|  |  |
| **Data Flow Name** | Send Leave Approval/Disapproval |
| **Description** | Admin approves or disapproves the leave request of the student |
| **From Processes** |  |
| **To Processes** | Student Leave |
| **Data Structures** | Accepted/Rejected |
|  |  |
| **Data Flow Name** | Send Leave Approval/Disapproval |
| **Description** | Admin approves or disapproves the leave request of the staff. |
| **From Processes** |  |
| **To Processes** | Staff Leave |
| **Data Structures** | Accepted/Rejected |
|  |  |
| **Data Flow Name** | Receive Notification |
| **Description** | Student receives the Notification sent by the admin |
| **From Processes** | Student Notification |
| **To Processes** |  |
| **Data Structures** | Notification Text |
|  |  |
| **Data Flow Name** | Receive Notification |
| **Description** | Staff receives the Notification sent by the admin |
| **From Processes** | Staff Notification |
| **To Processes** |  |
| **Data Structures** | Notification Text |
|  |  |
| **Data Flow Name** | Send Notification |
| **Description** | Admin sends the notification message to the student |
| **From Processes** |  |
| **To Processes** | Student Notification |
| **Data Structures** | Notification Text |
|  |  |
| **Data Flow Name** | Send Notification |
| **Description** | Admin sends the notification message to the staff. |
| **From Processes** |  |
| **To Processes** | Staff Notification |
| **Data Structures** | Notification Text |
|  |  |
| **Data Flow Name** | Send Feedback |
| **Description** | Student sends feedback regarding anything to the admin |
| **From Processes** |  |
| **To Processes** | Student Feedback |
| **Data Structures** | Feedback Text |
|  |  |
| **Data Flow Name** | Send Feedback |
| **Description** | Staff sends feedback regarding anything to the admin |
| **From Processes** |  |
| **To Processes** | Staff Feedback |
| **Data Structures** | Feedback Text |
|  |  |
| **Data Flow Name** | Receive Feedback |
| **Description** | Admin Receives the feedback sent by the student |
| **From Processes** | Student Feedback |
| **To Processes** |  |
| **Data Structures** | Student- Id, Name , Session Year, Text, Sending Date |
|  |  |
| **Data Flow Name** | Receive Feedback |
| **Description** | Admin Receives the feedback sent by the staff. |
| **From Processes** | Staff Feedback |
| **To Processes** |  |
| **Data Structures** | Staff- Id, Name ,Message , Sending Date |
|  |  |
| **Data Flow Name** | Student Leave details |
| **Description** | Details related to student leave are updated in the database. |
| **From Processes** | Student Leave |
| **To Processes** |  |
| **Data Structures** | Leave Date, Leave Message, Leave Status, Student ID , Student Name |
|  |  |
| **Data Flow Name** | Staff Leave details |
| **Description** | Details related to staff leave are updated in the database. |
| **From Processes** | Staff Leave |
| **To Processes** |  |
| **Data Structures** | Leave Date, Leave Message, Leave Status, Staff ID , Staff Name |
|  |  |
| **Data Flow Name** | Student Notification Details |
| **Description** | Details related to student notification are updated in the database. |
| **From Processes** | Student Notification |
| **To Processes** |  |
| **Data Structures** | Student Id, Message Text, |
|  |  |
| **Data Flow Name** | Staff Notification Details |
| **Description** | Details related to staff notification are updated in the database. |
| **From Processes** | Staff Notification |
| **To Processes** |  |
| **Data Structures** | Staff Id, Message Text, |
|  |  |
| **Data Flow Name** | Student Feedback details |
| **Description** | Details related to student feedback are updated in the database. |
| **From Processes** | Student Feedback |
| **To Processes** |  |
| **Data Structures** | Student Id, Feedback Text,Feedback Reply |
|  |  |
| **Data Flow Name** | Staff Feedback details |
| **Description** | Details related to staff leave are updated in the database. |
| **From Processes** | Staff Feedback |
| **To Processes** |  |
| **Data Structures** | Staff Id, Feedback Text,Feedback Reply |
|  |  |
| **Data Flow Name** | Session year details |
| **Description** | Details related to session year are updated in the database. |
| **From Processes** | Add Session |
| **To Processes** |  |
| **Data Structures** | Session Start Year, Session End year |
|  |  |
| **Data Flow Name** | Student Details |
| **Description** | Personal Details related to students are updated in the database. |
| **From Processes** | Add Student |
| **To Processes** |  |
| **Data Structures** | Student - Email, Password, Name, Username, Address, Course,Session Year ,Gender |
|  |  |
| **Data Flow Name** | Course Details |
| **Description** | Details related to various courses are updated in the database. |
| **From Processes** | Add Course |
| **To Processes** |  |
| **Data Structures** | Course Name |
|  |  |
| **Data Flow Name** | Subject Details |
| **Description** | Details related to various subjects in a course are updated in the database. |
| **From Processes** | Add Subject |
| **To Processes** |  |
| **Data Structures** | Subject Name, Course, Staff |
|  |  |
| **Data Flow Name** | Staff Details |
| **Description** | Personal Details related to staff are updated in the database. |
| **From Processes** | Add Staff |
| **To Processes** |  |
| **Data Structures** | Staff- Email, Password, Name,Username,Address |
|  |  |
| **Data Flow Name** | Attendance Report Details |
| **Description** | Details related to student’s attendance are updated in the database. |
| **From Processes** | View Attendance |
| **To Processes** |  |
| **Data Structures** | Student Id, Status, Subject , Session year |
|  |  |
| **Data Flow Name** | Grades Details |
| **Description** | Details related to student’s grades and marks are updated in the database. |
| **From Processes** | Grade List |
| **To Processes** |  |
| **Data Structures** | Student id, Subject, Assignment Marks, Exam Marks, Status |

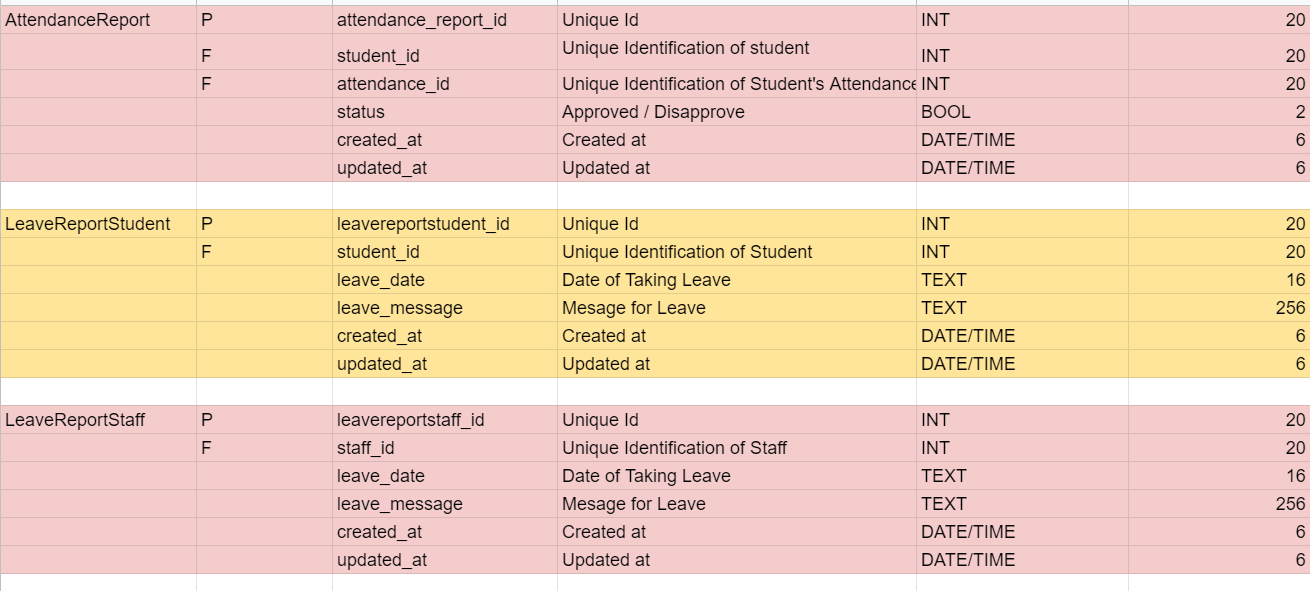
**DATA STORES:**

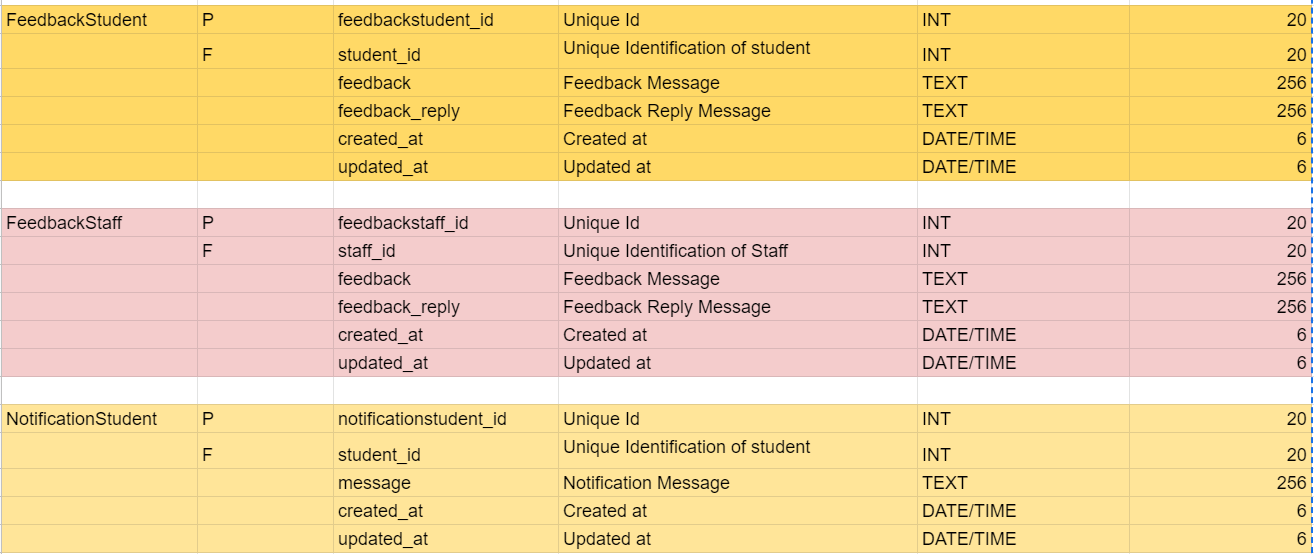
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| DATA STORES |  |
| F | Foreign Key |
| P | Primary Key |

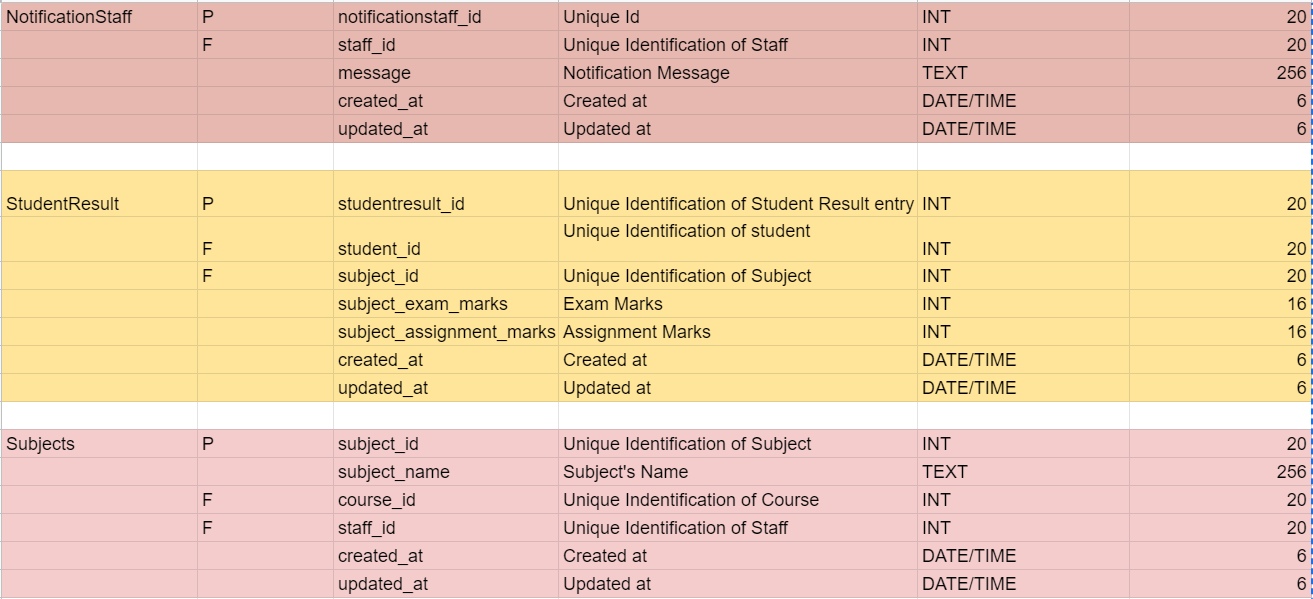
P –Primary Key F – Foreign Key

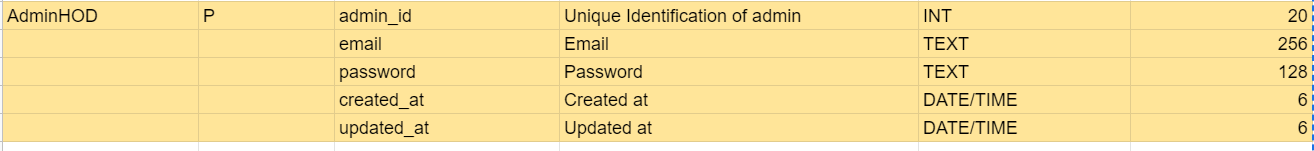












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