# Database Tables and Structure

## Table: absen

|  |  |  |
| --- | --- | --- |
| Column Name | Data Type | Constraints |
| id\_absen | int | NOT NULL |
| nip | int | NOT NULL |
| id\_status | int | DEFAULT NULL |
| id\_jadwal | int | DEFAULT NULL |
| tanggal\_absen | date | DEFAULT NULL |
| jam\_masuk | time | DEFAULT NULL |
| tgl\_keluar | date | DEFAULT NULL |
| jam\_keluar | time | DEFAULT NULL |
| keterangan | varchar(55) | DEFAULT NULL |
| foto\_absen | varchar(255) | DEFAULT NULL |
| latlong | varchar(50) | DEFAULT NULL |

## Table: admin

|  |  |  |
| --- | --- | --- |
| Column Name | Data Type | Constraints |
| id\_admin | int | NOT NULL |
| username | varchar(30) | NOT NULL |
| password | varchar(255) | NOT NULL |
| nama | varchar(30) | NOT NULL |

## Table: jabatan

|  |  |  |
| --- | --- | --- |
| Column Name | Data Type | Constraints |
| jabatan\_id | int | NOT NULL |
| jabatan\_nama | varchar(30) | NOT NULL |

## Table: jadwal

|  |  |  |
| --- | --- | --- |
| Column Name | Data Type | Constraints |
| id\_jadwal | int | NOT NULL |
| nama\_hari | varchar(11) | NOT NULL |
| waktu\_masuk | time | NOT NULL |
| waktu\_pulang | time | NOT NULL |
| status | varchar(11) | NOT NULL |

## Table: penempatan

|  |  |  |
| --- | --- | --- |
| Column Name | Data Type | Constraints |
| penempatan\_id | int | NOT NULL |
| penempatan\_nama | varchar(11) | NOT NULL |

## Table: pengaturan

|  |  |  |
| --- | --- | --- |
| Column Name | Data Type | Constraints |
| id\_pengaturan | int | NOT NULL |
| batas\_telat | int | NOT NULL |
| jarak | int | NOT NULL |
| latitude | varchar(255) | NOT NULL |
| longitude | varchar(255) | NOT NULL |
| fitur\_foto | int | NOT NULL |

## Table: pengguna

|  |  |  |
| --- | --- | --- |
| Column Name | Data Type | Constraints |
| id | int | NOT NULL |
| nip | int | NOT NULL |
| nama | varchar(30) | NOT NULL |
| password | varchar(255) | NOT NULL |
| jabatan\_id | int | NOT NULL |
| penempatan\_id | int | NOT NULL |
| foto\_profil | varchar(225) | DEFAULT NULL |

## Table: status\_absen

|  |  |  |
| --- | --- | --- |
| Column Name | Data Type | Constraints |
| id\_status | int | NOT NULL |
| nama\_status | varchar(11) | NOT NULL |