# Machine Test- Sales Team Monitoring

# API Design

1. /api/auth, “Method: POST”
2. /api/auth/signin, Method: POST
3. /api/auth/signup, Method: POST
4. /api/test/admin, Method: GET
5. /api/test/sales\_coordinator, Method: GET
6. /api/visits, Method: GET
7. /api/visits, Method: POST
8. /api/visits/{id}: PUT
9. /api/visits/{id}: GET

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# Database Design

1. User

| Sl No. | Field ID | Data Type | Constraints |
| --- | --- | --- | --- |
| 1 | id | Numeric | pk |
| 2 | username | Varchar |  |
| 3 | password | Varchar |  |
| 4 | email | Varchar |  |
| 5 | first\_name | Varchar |  |
| 6 | last\_name | Varchar |  |
| 7 | age | Varchar |  |
| 8 | gender | DateTime |  |
| 9 | address | boolean |  |
| 10 | phone\_number | boolean |  |
| 11 | emp\_id | Numeric | Foreign key referencing user\_id in users table. |

1. Role

| Sl No. | Field ID | Data Type | Constraints |
| --- | --- | --- | --- |
| 1 | role\_id | Numeric | pk |
| 2 | name | Varchar |  |

1. User\_Role

| Sl No. | Field ID | Data Type | Constraints |
| --- | --- | --- | --- |
| 1 | user\_id | Numeric |  |
| 2 | role\_id | Numeric |  |

1. VisitTable

| Sl No. | Field ID | Data Type | Constraints |
| --- | --- | --- | --- |
| 1 | visit\_id | Numeric | pk |
| 2 | cust\_name | Varchar |  |
| 3 | contact\_person | Varchar |  |
| 4 | contact\_no | Varchar |  |
| 5 | interest\_product | Varchar |  |
| 6 | visit\_subject | Varchar |  |
| 7 | description | Varchar |  |
| 8 | visit\_datetime | DateTime |  |
| 9 | is\_disabled | boolean |  |
| 10 | is\_deleted | boolean |  |
| 11 | emp\_id | Numeric | Foreign key referencing user\_id in users table. |