*Company API Documentation*

**\*\*URL\*\*:** `/api/companies/`

**- \*\*Method\*\*:** `GET`

**- \*\*Description\*\*:** Retrieve a list of companies.

**\*\*URL\*\*:** `/api/companies/1`

**- \*\*Method\*\*:** `GET`

**- \*\*Description\*\*:** Retrieve a list of company where ID = 1.

**Response:**

```json

[

{

"id": 1,

"name": "Example Company",

"address": "123 Example St",

"contact\_information": "contact@example.com",

"logo": " path image data in computer "

}

]

**\*\*URL\*\*:** `/api/companies/1`

**- \*\*Method\*\*:** `POST`

**- \*\*Description\*\*:** creates a new company data.

**- \*\*Body\*\*:** `json’

{

"id": 1,

"name": "Example Company",

"address": "123 Example St",

"contact\_information": "contact@example.com",

"logo": " path image data in computer "

}

**Response:**

{

"id": 3,

"name": "Example Company",

"address": "123 Example St",

"contact\_information": "contact@example.com",

"logo": " path image data in computer "

}

**\*\*URL\*\*:** `/api/companies/1`

**- \*\*Method\*\*:** `PUT`

**- \*\*Description\*\*:** Update the company data for specified ID.

**- \*\*Body\*\*:** `json’

{

"id": 1,

"name": "Example Company",

"address": "123 Example St",

"contact\_information": "contact\_info@example.com",

"logo": "path image data in computer"

}

**Response:**

{

"id": 3,

"name": "Example Company",

"address": "123 Example St",

"contact\_information": "contact@example.com",

"logo": "http://example.com/media/logos/logo.png"

}

**\*\*URL\*\*:** `/api/companies/1`

**- \*\*Method\*\*:** `DELETE`

**- \*\*Description\*\*:** deletes the data specified the company data for specified ID.

*Department API Documentation*

**\*\*URL\*\*:** `/api/department/`

**- \*\*Method\*\*:** `GET`

**- \*\*Description\*\*:** Retrieve a list of department.

**\*\*URL\*\*:** `/api/ department /1`

**- \*\*Method\*\*:** `GET`

**- \*\*Description\*\*:** Retrieve a list of department where ID = 1.

**Response:**

`json’

{

"Id": 1,

"name": "Marketing",

"company": 1

}

**\*\*URL\*\*:** `/api/ department /1`

**- \*\*Method\*\*:** `POST`

**- \*\*Description\*\*:** creates a new department data.

**- \*\*Body\*\*:** `json’

{

"name": "Marketing",

"company": 4

}

**Response:**

{

"id": 3,

"name": "Marketing",

"company": 4

}

**\*\*URL\*\*:** `/api/ department /1`

**- \*\*Method\*\*:** `PUT`

**- \*\*Description\*\*:** Update the department data for specified ID.

**- \*\*Body\*\*:** `json’

{

"id": 1,

"name": " Marketing ",

" company ": 4

}

**Response:**

{

"id": 1,

"name": " Marketing ",

" company ": 4

}

**\*\*URL\*\*:** `/api/ department /1`

**- \*\*Method\*\*:** `DELETE`

**- \*\*Description\*\*:** deletes the data specified the department data for specified ID.

*Role API Documentation*

**\*\*URL\*\*:** `/api/role/`

**- \*\*Method\*\*:** `GET`

**- \*\*Description\*\*:** Retrieve a list of role.

**\*\*URL\*\*:** `/api/role/1`

**- \*\*Method\*\*:** `GET`

**- \*\*Description\*\*:** Retrieve a list of role where ID = 1.

**Response:**

`json’

{

"Id": 1,

"name": "text",

"company": 1

}

**\*\*URL\*\*:** `/api/role/1`

**- \*\*Method\*\*:** `POST`

**- \*\*Description\*\*:** creates a new role data.

**- \*\*Body\*\*:** `json’

{

"name": "text",

"company": 4

}

**Response:**

{

"id": 3,

"name": "text",

"company": 4

}

**\*\*URL\*\*:** `/api/role/1`

**- \*\*Method\*\*:** `PUT`

**- \*\*Description\*\*:** Update the role data for specified ID.

**- \*\*Body\*\*:** `json’

{

"id": 1,

"name": " text ",

" company ": 4

}

**Response:**

{

"id": 1,

"name": " text ",

" company ": 4

}

**\*\*URL\*\*:** `/api/ role /1`

**- \*\*Method\*\*:** `DELETE`

**- \*\*Description\*\*:** deletes the data specified the role data for specified ID.

*Employee API Documentation*

**\*\*URL\*\*:** `/api/employee/`

**- \*\*Method\*\*:** `GET`

**- \*\*Description\*\*:** Retrieve a list of employee.

**\*\*URL\*\*:** `/api/employee/1`

**- \*\*Method\*\*:** `GET`

**- \*\*Description\*\*:** Retrieve a list of employee where ID = 1.

**Response:**

`json’

{

"id": 1,

"name": "john\_doe",

"employee\_id": "EMP001",

"company": 1,

"department": 2,

"role": "Manager",

"joining\_date": "2023-01-15",

"salary": "50000.00"

}

**\*\*URL\*\*:** `/api/employee/`

**- \*\*Method\*\*:** `POST`

**- \*\*Description\*\*:** creates a new employee data.

**- \*\*Body\*\*:** `json’

{

"name": "john\_doe",

"employee\_id": "EMP010",

"company": 1,

"department": 2,

"role": "Manager",

"joining\_date": "2023-01-15",

"salary": "50000.00"

}

**Response:**

{

"id": 10,

"name": "john\_doe",

"employee\_id": "EMP001",

"company": 1,

"department": 2,

"role": "Manager",

"joining\_date": "2023-01-15",

"salary": "50000.00"

}

**\*\*URL\*\*:** `/api/ employee /10`

**- \*\*Method\*\*:** `PUT`

**- \*\*Description\*\*:** Update the employee data for specified ID.

**- \*\*Body\*\*:** `json’

{

"id": 10,

"name": "john\_doe",

"employee\_id": "EMP010",

"company": 1,

"department": 2,

"role": "Hr Manager",

"joining\_date": "2023-01-15",

"salary": "50000.00"

}

**Response:**

{

"id": 10,

"name": "john\_doe",

"employee\_id": "EMP010",

"company": 1,

"department": 2,

"role": "Hr Manager",

"joining\_date": "2023-01-15",

"salary": "50000.00"

}

**\*\*URL\*\*:** `/api/employee/1`

**- \*\*Method\*\*:** `DELETE`

**- \*\*Description\*\*:** deletes the data specified the employee data for specified ID.

*Attendance API Documentation*

**\*\*URL\*\*:** `/api/attendance/`

**- \*\*Method\*\*:** `GET`

**- \*\*Description\*\*:** Retrieve a list of attendance.

**\*\*URL\*\*:** `/api/attendance/1`

**- \*\*Method\*\*:** `GET`

**- \*\*Description\*\*:** Retrieve a list of attendance where ID = 1.

**Response:**

`json’

{

"id": 1,

"employee": 1,

"start\_time": "2024-09-10T09:00:00Z",

"end\_time": "2024-09-10T17:00:00Z",

"date": "2024-09-09"

}

**\*\*URL\*\*:** `/api/attendance/`

**- \*\*Method\*\*:** `POST`

**- \*\*Description\*\*:** creates a new attendance data.

**- \*\*Body\*\*:** `json’

{

"id": 1,

"employee": 1,

"start\_time": "2024-09-10T09:00:00Z",

"end\_time": "2024-09-10T17:00:00Z",

"date": "2024-09-09"

}

**Response:**

{

"id": 1,

"employee": 1,

"start\_time": "2024-09-10T09:00:00Z",

"end\_time": "2024-09-10T17:00:00Z",

"date": "2024-09-09"

}

**\*\*URL\*\*:** `/api/attendance/10`

**- \*\*Method\*\*:** `PUT`

**- \*\*Description\*\*:** Update the attendance data for specified ID.

**- \*\*Body\*\*:** `json’

{

"id": 1,

"employee": 1,

"start\_time": "2024-09-10T09:00:00Z",

"end\_time": "2024-09-10T17:00:00Z",

"date": "2024-09-09"

}

**Response:**

{

"id": 1,

"employee": 1,

"start\_time": "2024-09-10T09:00:00Z",

"end\_time": "2024-09-10T17:00:00Z",

"date": "2024-09-09"

}

**\*\*URL\*\*:** `/api/attendance/1`

**- \*\*Method\*\*:** `DELETE`

**- \*\*Description\*\*:** deletes the data specified the attendance data for specified ID.