API Documentation for Company and Dashboard Controllers

# Company Controller APIs

## 1. Seed Companies

Endpoint: POST /seedCompanies  
Description: Seeds the company database with predefined companies.  
Response: 200 OK if successful, 500 Internal Server Error otherwise.  
Example request:  
{  
 "name": "New Company",  
 "address": "456 New Road, New City, NY 10001",  
 "industry": "Tech",  
 "founded": "2012-05-12",  
 "employees": 400,  
 "website": "https://www.newcompany.com"  
}

## 2. Get All Companies

Endpoint: GET /getAllCompanies  
Description: Fetches all companies stored in the database.  
Response: 200 OK with the list of companies, or 400/500 in case of errors.  
Example response:  
[  
 {  
 "name": "Surgisol",  
 "address": "123 Medical Park Ave, San Francisco, CA 94103",  
 "industry": "Healthcare",  
 "founded": "2005-04-18",  
 "employees": 150,  
 "website": "https://www.surgisol.com"  
 },  
 ...  
]

## 3. Select Company

Endpoint: GET /selectCompany/:id  
Description: Fetches details of a company by ID.  
Response: 200 OK with the company details, or 404/500 in case of errors.  
Example response:  
{  
 "name": "Surgisol",  
 "address": "123 Medical Park Ave, San Francisco, CA 94103",  
 "industry": "Healthcare",  
 "founded": "2005-04-18",  
 "employees": 150,  
 "website": "https://www.surgisol.com"  
}

# Dashboard Controller APIs

## 1. Get Weekly Attendance by User ID

Endpoint: GET /weeklyAttendance/:id  
Description: Fetches weekly attendance record for a specific user.  
Response: 200 OK with attendance data, or 500 in case of errors.  
Example response:  
{  
 "totalDaysWorked": 5,  
 "totalHoursWorked": 40,  
 "user": {  
 "name": "John Doe",  
 "department": "IT",  
 ...  
 }  
}

## 2. Get Weekly Attendance by Department

Endpoint: GET /weeklyAttendance?companyId={companyId}  
Description: Fetches weekly attendance records for all employees in the department.  
Response: 200 OK with attendance data, or 500 in case of errors.  
Example response:  
{  
 "IT": {  
 "employee1\_id": {  
 "name": "John Doe",  
 "totalAttendance": 5  
 },  
 ...  
 }  
}

## 3. Get Monthly Calendar Events

Endpoint: GET /getMonthlyCalendarEvents?month={month}&year={year}  
Description: Fetches all calendar events (meetings, leaves, holidays) for the specified month.  
Response: 200 OK with the list of events, or 500 in case of errors.  
Example response:  
[  
 {  
 "date": "2024-10-01",  
 "holidays": [],  
 "leaves": [],  
 "meetings": [ { "title": "Project Meeting", "participants": [ ... ] } ]  
 },  
 ...  
]

## 4. Get Special Days

Endpoint: GET /getspecialDays  
Description: Fetches special days (birthdays, anniversaries) for the current month.  
Response: 200 OK with special days data, or 500 in case of errors.  
Example response:  
[  
 {  
 "name": "Jane Doe",  
 "birthdate": "1990-10-15",  
 "anniversary\_date": "2015-10-20"  
 },  
 ...  
]