

Employment-Agreement-Management-System			
API Design (based on CRUD operations for employment agreements):			
Description	API Endpoint	HTTP Method	Parameters
Get all employment agreements	/api/employment-agreements	GET	None
Get an employment agreement by ID	/api/employment-agreements/{id}	GET	Path: id
Create a new employment agreement	/api/employment-agreements	POST	Body: Employee details
Update an employment agreement by ID	/api/employment-agreements/{id}	PUT	Path: id, Body: details
Delete an employment agreement by ID	/api/employment-agreements/{id}	DELETE	Path: id
Search by employee name	/api/employment-agreements/search?name={name}	GET	Query: name
Get agreements by department	/api/employment-agreements/department/{dept}	GET	Path: dept
Get agreements by manager	/api/employment-agreements/manager/{manager}	GET	Path: manager
Get active agreements (within date range)	/api/employment-agreements/active	GET	Query: startDate, endDate
Get agreements sorted by salary	/api/employment-agreements/salary	GET	None
Filter agreements by role	/api/employment-agreements/role/{role}	GET	Path: role
Get total number of agreements	/api/employment-agreements/count	GET	None
Update salary for all agreements by role	/api/employment-agreements/role/{role}/update-salary	PATCH	Path: role, Body: salary
Get agreements within a salary range	/api/employment-agreements/salary-range	GET	Query: minSalary, maxSalary
Get agreements expiring soon	/api/employment-agreements/expiring	GET	Query: daysUntilExpire