

# Project Management System

By Mirza Shaheen Iqbal

# Project Management System

## Process Workflow (Scenario)

A manager uses Project Management System created by Power Apps for his/her Employees, Projects and Specific Tasks under projects. He can do following App Operations:

### Employee:

1. View Employee List
2. Add Employees
3. Delete Employees

### Projects:

1. View Projects List
2. Add Projects
3. Delete Projects

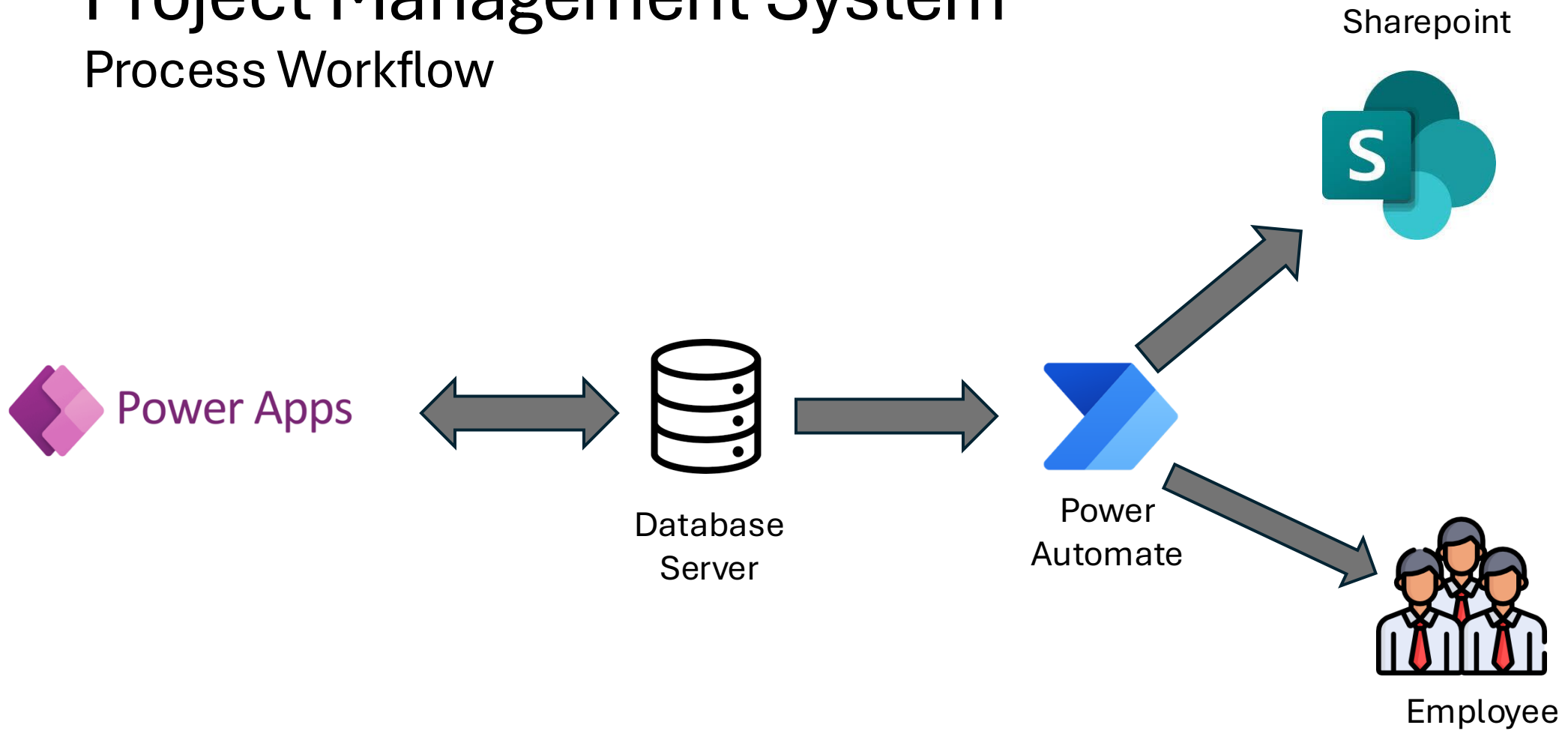
### Tasks:

1. View Task List
2. Add Task
3. Delete Task

When he assigns task to specific employees, the respective employees gets an email for the task through Automation and Database gets updated and Task information saved on SharePoint List.


# Project Management System

## Process Workflow



# Project Management System

## Process Workflow (Power Automation)

 When an item is created (V2)

Parameters

Settings

Code view

About

Server name \*  

Use connection settings (workdb2025.database.windows.net)

Database name \*  

Use connection settings (worforcdb)

Table name \*  

Tasks


Advanced parameters  

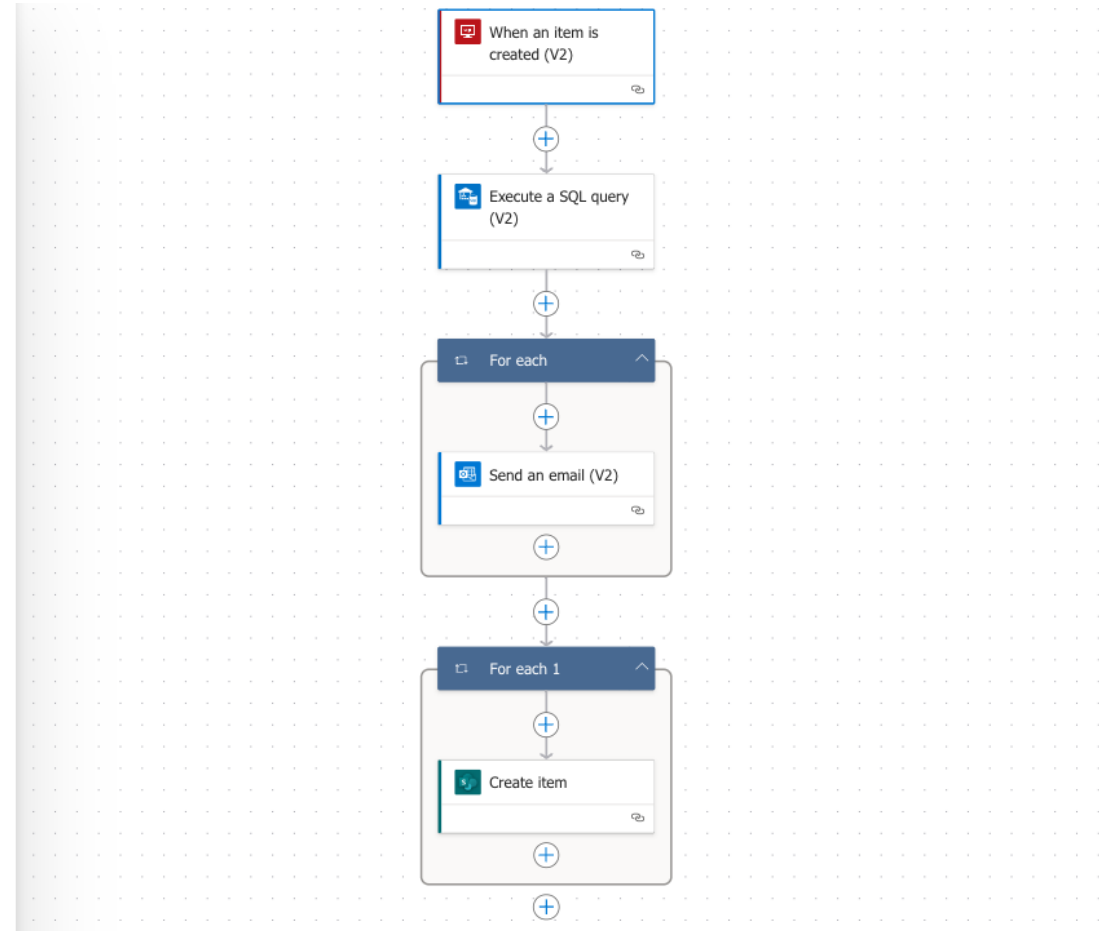
Showing 0 of 4

Show all

Clear all

> How often do you want to check for items?

 Connected to workflow. [Change connection](#)



# Project Management System

## Process Workflow (Power Automation)

Send an email (V2) ⋮ ⏪

Parameters

Settings

Code view

Testing

About

To \* Switch to Basic Mode

Email x

Subject \*

Testing App Notification

Body \*

Normal ▼ Arial ▼ 15px ▼ **B** *I* U

</>

Hi ,

You have been assigned a new task:

Task Name:

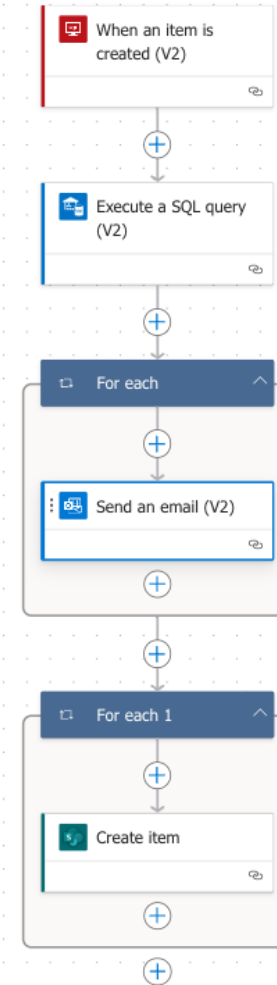
Project:

Due Date:

Status:

Please ensure to complete this task by the due date.

Regards,  
Workforce Management System



# Project Management System

## Process Workflow (Power Apps)

Project Management Tool

Employee

View

Add Employee

Delete Employee

Project

View

Edit Project

Delete Project

Tasks

View

Add Task

Delete Task

Home Screen

Back

Add Employee

EmployeeName

Salary

Email

Phone

DepartmentID

Engineering

Add

Save

Cancel

Add Employee

Back				
EmployeeID	EmployeeName	DepartmentName	Email	Phone
3	Charlie	HR	charlie@scb.com	1234567892
5	Bob Smith	Research	bob.smith@scb.com	1234567891
6	Charlie Brown	HR	charlie.brown@scb.com	1234567892
7	Diana Prince	Engineering	diana.prince@scb.com	1234567893
8	Eve Adams	Research	eve.adams@scb.com	1234567894
9	Frank Castle	HR	frank.castle@scb.com	1234567895
10	Grace Harper	Finance	grace.harper@scb.com	1234567896
11	Henry Ford	IT	henry.ford@scb.com	1234567897
12	Ivy League	Operations	ivy.league@scb.com	1234567898
13	Jack Daniels	Quality Control	jack.daniels@scb.com	1234567899
14	Kylie Jenner	Sales	kylie.jenner@scb.com	1234567880
15	Leo DiCaprio	Marketing	leo.dicaprio@scb.com	1234567881
16	Mia Wallace	Logistics	mia.wallace@scb.com	1234567882
17	Nathan Drake	Energy Solutions	nathan.drake@scb.com	1234567883
19	Paul Walker	Product Management	paul.walker@scb.com	1234567885
20	Quincy Jones	Legal	quincy.jones@scb.com	1234567886
21	Rihanna Fenty	Procurement	rihanna.fenty@scb.com	1234567887
22	Sam Fisher	Safety and Compliance	sam.fisher@scb.com	1234567888

List Employee

back

Delete Employee

Charlie

charlie@scb.com

3

Button

Bob Smith

bob.smith@scb.com

2

Button

Charlie Brown

charlie.brown@scb.com

3

Button

Diana Prince

diana.prince@scb.com

4

Button

Eve Adams

eve.adams@scb.com

5

Button

Remove Employee

# Project Management System

## Process Workflow (Power Apps)

Project List			Back
ProjectID	DepartmentID	ProjectName	
1	1	Green Energy Initiative	
2	2	Solar Panel Optimization	
3	3	Employee Retention Program	
4	1	Green Energy Optimization	
5	2	AI for Energy	
6	3	Customer Analytics Dashboard	
7	4	Energy Storage Solutions	
8	5	Solar Panel Manufacturing	
9	6	Battery Performance Testing	
10	7	Quality Assurance Program	
11	8	Smart Grid Implementation	
12	9	Thermal Systems Upgrade	
13	10	Wind Energy Expansion	
14	11	Energy Cost Reduction	
15	12	Maintenance Optimization	

List Projects

# Project Management System

## Process Workflow (Power Apps)

Back

TaskID	DepartmentName	EmployeeEmail	EmployeeName	ProjectName	TaskName
32	HR	charlie@scb.com	Charlie	Employee Retention Progr...	Draft Employee Feedback R...
63	Research	mahira.azmeir@gmail.com	Sanchari	Solar Panel Optimization	Device
74	Research	cafeoflove143@gmail.com	Shaheen Iqubal	Employee Retention Progr...	4588
76	Research	cafeoflove143@gmail.com	Shaheen Iqubal	AI for Energy	Get a job
77	Research	mahdian.drovo@gmail.com	Mah Dian	Quality Assurance Program	App er problem solve korla...

### List Tasks

Delete task

Button

Evaluate AI Models October 1, 2025 Pending	<div>Delete &gt;</div>
Optimize Logistics Plan September 20, 2025 Completed	<div>Delete</div>
Test Task June 15, 2025 Pending	<div>Delete</div>
Complete Solar Panel Design June 30, 2025 Pending	<div>Delete</div>
Battery Efficiency Analysis July 10, 2025 Pending	<div>Delete</div>

### Remove Tasks

Add Task

Back

TaskName

4588

EmployeeID

Shaheen Iqubal

DueDate

January 19, 2025

ProjectID

Employee Retention Program

Status

Add Task

Save

Cancel

### Add Tasks



# Project Management System

## Process Workflow (Power Apps)



Mirza Shaheen Iqbal via outlook.com

to me ▾

Hi Shaheen Iqbal,

You have been assigned a new task:

Task Name: 4588

Project: Employee Retention Program

Due Date: 2025-01-19T00:00:00

Status: Pending

Please ensure to complete this task by the due date.

Regards,

Workforce Management System

Automated Email Notification to Employee

My lists TaskList ☆						
TaskName ▾	Employee... ▾	ProjectNa... ▾	DueDate ▾	Status ▾	Approval ... ▾	+ Ad
hallo	Nurul Kabir	Green Energy Initiative	07/10/2025 00:00:00	Pending	Not submitted	🔗
Reaseach on LLM	Sanchari	Solar Panel Optimization	02/22/2025 00:00:00	Done	Not submitted	🔗
Work HARD but Smartly	Sanchari	Solar Panel Optimization		Done	Not submitted	🔗
deutschland	Sanchari	Solar Panel Optimization		Pending	Not submitted	🔗
Come to Deutchland	Sanchari	Solar Panel Optimization		Pending	Not submitted	🔗
Test 50	Sanchari	Solar Panel Optimization			Not submitted	🔗
sss	Sanchari	Solar Panel Optimization	01/04/2025 00:00:00	pending	Not submitted	🔗
assaa	Sanchari	Solar Panel Optimization	01/20/2025 00:00:00	Pending	Not submitted	🔗
hi	Sanchari	Solar Panel Optimization	01/22/2025 00:00:00	Pending	Not submitted	🔗
ssa	Shaheen Iqbal	Employee Retention Program	01/14/2025 00:00:00	pending	Not submitted	🔗
2522	Shaheen Iqbal	Green Energy Initiative	01/08/2025 00:00:00	pending	Not submitted	🔗
4588	Shaheen Iqbal	Employee Retention Program	01/19/2025 00:00:00	Pending	Not submitted	🔗

Automated SharePoint Task lists is created for manager