

## Assessment after One Year- Batch 1 FY22-23

### DataBase:

Create database Batch122-23

Create Table Batch\_Master

```
(
Batch_id int identity(1,1) primary key,
Batch_Name varchar(50),
Batch_Start_Date date,
Batch_strength int
)
insert into Batch_Master values('FY 22-23 Batch 1','04/04/2023',6);
insert into Batch_Master values('FY 22-23 Batch 2','04/04/2023',67);
insert into Batch_Master values('FY 22-23 Batch 3','04/04/2023',46);
```

Create Table Technology\_Master

```
(
Technology_id int identity(1,1) primary key,
Teechnology_Name varchar(50)
)
```

```
insert into Technology_Master values('Dot Net');
insert into Technology_Master values('Python');
insert into Technology_Master values('Java');
insert into Technology_Master values('PHP');
insert into Technology_Master values('Database');
```

Create Table Employee\_Master

```
(
Employee_id int identity(1,1) primary key,
Employee_Name varchar(50),
Employee_Phone varchar(50),
Employee_Email varchar(50)
)
```

```
insert into Employee_Master values('Sunil Sarangi','9861098610','sunil@gmail.com')
insert into Employee_Master values('Rabi Mohanty','9771497714','rabi@gmail.com')
insert into Employee_Master values('Harish Jha','9861198611','harish@gmail.com')
insert into Employee_Master values('Rama Mishra','9861298612','rama@gmail.com')
insert into Employee_Master values('Puirna Mishra','9861398613','Purna@gmail.com')
insert into Employee_Master values('Rosa Sahoo','9861498614','rosa@gmail.com')
```

Create Table Batch\_Allocate

```
(
Batch_Allocate_id int identity(1,1) primary key,
Batch_id int,
Technology_id int,
Employee_id int,
)
```

```
insert into Batch_Allocate values(1,1,1);
insert into Batch_Allocate values(1,5,2);
insert into Batch_Allocate values(1,1,3);
insert into Batch_Allocate values(1,3,4);
insert into Batch_Allocate values(1,4,5);
insert into Batch_Allocate values(1,2,6);
```

Create Table Assement\_Mark

```
(
slno int identity(1,1) primary key,
empid int,
mark int
)
```

Mark Entry Form

Select Batch

Select Technology

Select Employee Name

Enter Mark

Save

Select Batch

Show Report

Sno	Batch Name	Batch Start Date	Technology Name	Employee Name	Employee Phone	Mark	Grade	Status
1	FY 22-23 Batch 1	12-Dec-2021	Dot Net	Sunil Sarangi	9861098610	93	O	Eligible
2	FY 22-23 Batch 1	12-Dec-2021	Dot Net	Harish Jha	9861198611	58	F	Not Eligible
3	FY 22-23 Batch 1	12-Dec-2021	Java	Rama Mishra	9861298612	73	A	Eligible
4	FY 22-23 Batch 1	12-Dec-2021	PHP	Purna Mishra	9861398613	88	E	Eligible
5	FY 22-23 Batch 1	12-Dec-2021	Python	Rosa Sahoo	9861498614	64	F	Not Eligible

Download in PDF Format

- When the page gets loaded into the memory Batch and Technology DropDownList Will be filled.
- After selecting Batch when you select Technology it will fill the employee DropDownList of the specific batch and technology.
- After entering Mark when you will click on the Save Button data will be saved to Assessment\_Mark Table. If mark for that employee is already entered, it will show you appropriate message.
- At any point you can select batch from the dropdownlist present in Mid Section. When you will click on the Show Report. It will display the details of these employees of the specified batch those mark has been entered.

Note: There are some points you need to take care for displaying data in prescribed format

- Sno is always auto generated
- Grade based on the specified range of mark

<60	F
60 to 79	A
80 to 89	E
90 to 100	O

- Status is Eligible if the mark is  $\geq 70$ . Other wise not Eligible.

UI Design, Client Side Validation, Use of Exceptional Handling, Optimized Code, Use of Store Procedure are part of the marking scheme.