

STAMFORD UNIVERSITY BANGLADESH

Report

Employee Management System

Course Name: Software Engineering

Course Code: CSI 331

Submitted By:

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Submitted To:

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Introduction:

This report has covered **Data Flow Diagram**. Data Flow Diagram is a graphical representation of System's data and how the process transform data. It's easy to understand the flow of data through systems with the right **data flow diagram** software. This is the most common way of documenting the process of current and required System.

Data Flow Diagram (DFD):

Activity List:

Administration	Payroll	Attendance
Content Modification (add/delete/modify)	Pay for Employee	Login
Task assignment for Employee	Employee Salary Calculation	
Keeping Track of Employees' Work	Work rate of Employee	

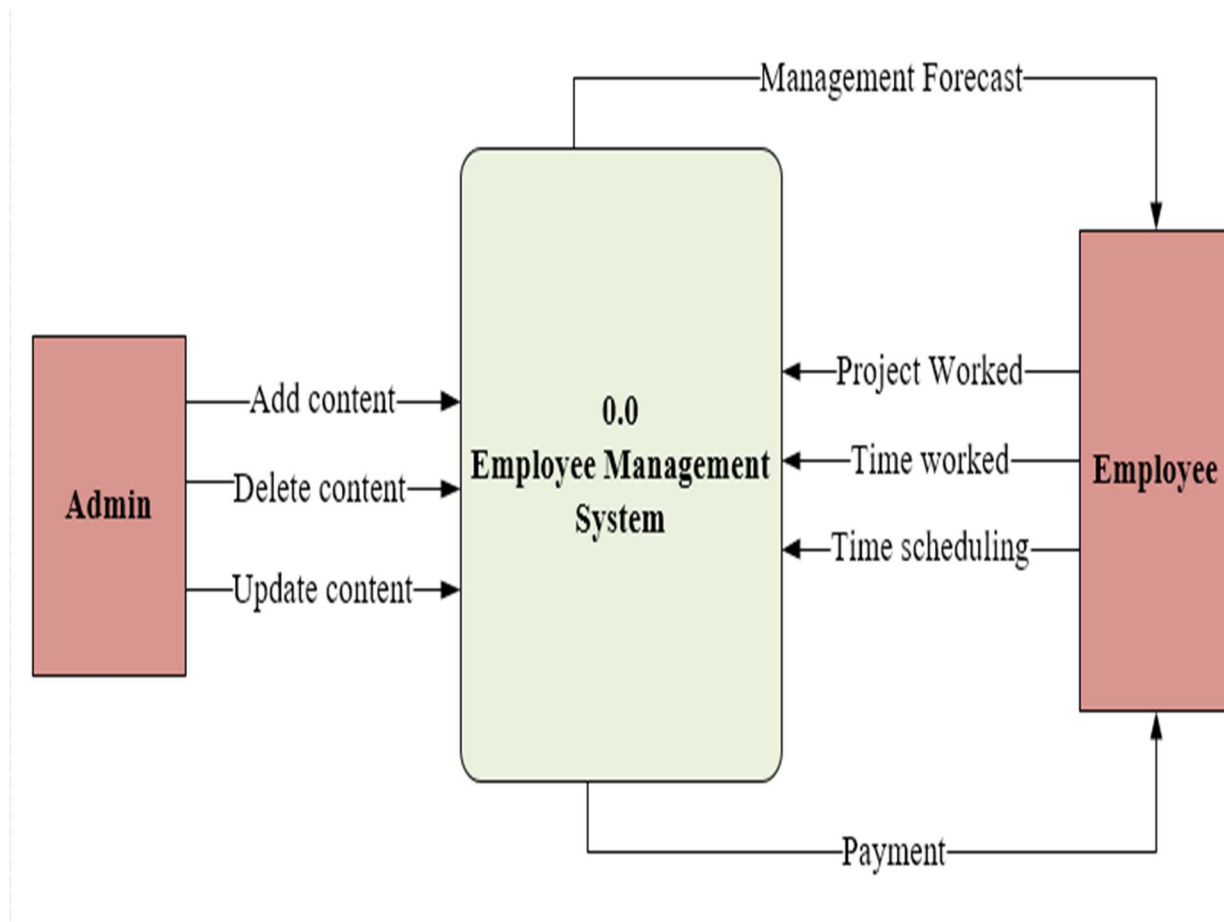
Main Process: Employee Management System

Sub Process: Administration, Attendance, Payroll

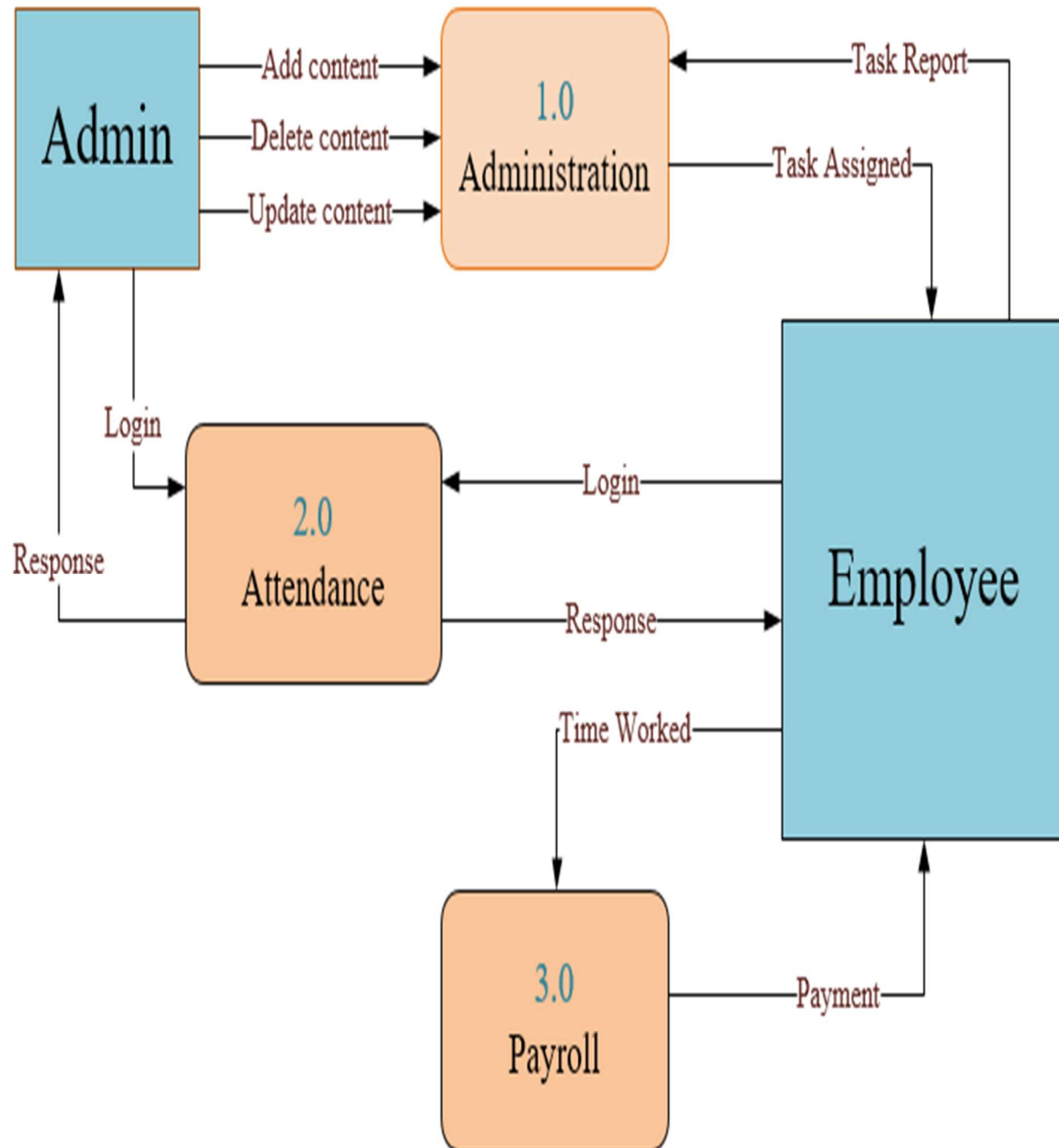
Entity: Admin, Employee

Database: Admin, Employee Info, Content info, Login Info, Time Working, Employee Salary.

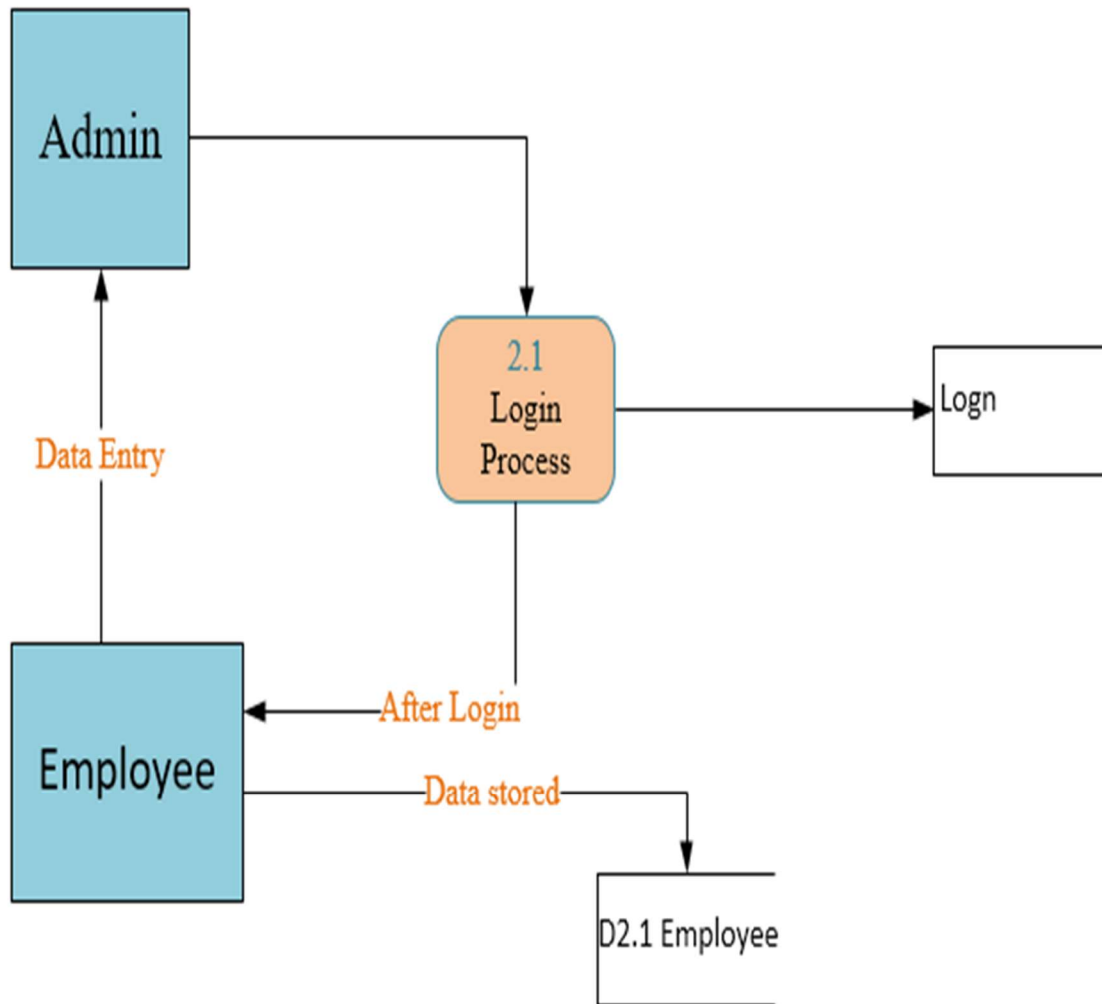
DFD Context level

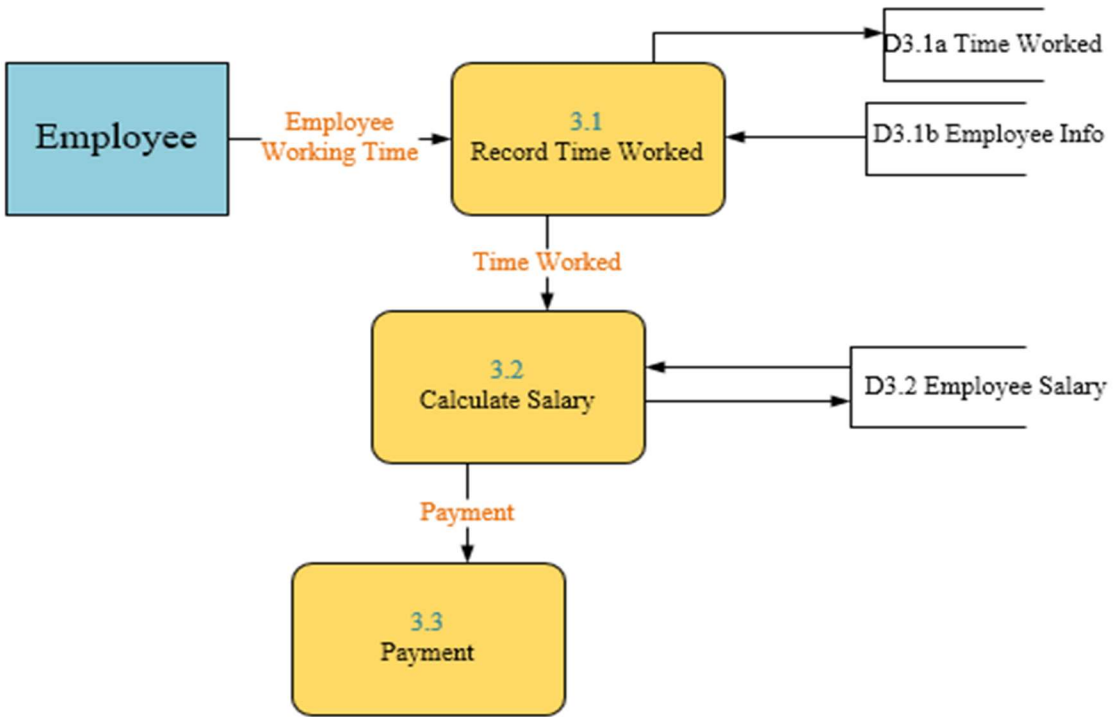


DFD-Level-0:



DFD-Level-1:





Process Decomposition:

Context Level	Level -0	Level-1
Employee Management System	1.0 Administration	1.1 Content Process
		1.2 Employee Work Process
	2.0 Attendance	2.1 Login Process
	3.0 Payroll	3.1 Pay to Employee

Conclusion:

This concludes the Data Flow Diagram. This report deals with how data are being processed. It provides a detailed representation of system components. This also helps to create clear view of usage of this software for different actors for different purposes.