**CST-361 Design Patterns in Java**

**Student** **Name**: Michael Weaver

**Project** **Title**: INTEGRATION LAYER PATTERNS

**Date**: 01/27/2019

**GitHub URL**: <https://github.com/battousairurik/CST361_Design_Patterns_In_Java>

Dependency Injection Design Pattern

The Login and Album pages utilize the attributes of the EJB to inject data where its needed. The html page data is then injected into service EJB, which transfer the data to the server side. Once the service controllers have the data injected into them, they in turn make calls to Data Access Objects. The data is once again injected as an EJB to the DAO layer, which handles all CRUD operations. This step by step process is the heart of Dependency Injection. Each layer is dependant upon the previous to obtain information on how it is to be executed. Without proper input from the user, the service controllers would not know which operations to call. Without proper EJB, each subsequent layer would not be able to execute any operations as they obtain their instructions and data from an EJB injected to them.

Design Patterns

Dependency Injection

Data Access Object Pattern

MVC Architecture

REST API Architecture

SCREENSHOTS





