**AuthController – Build Albums API – Getting Started**

**Create a model called Album.java**

package org.studyeasy.SpringRestdemo.model;

import jakarta.persistence.Entity;

import jakarta.persistence.GeneratedValue;

import jakarta.persistence.GenerationType;

import jakarta.persistence.Id;

import jakarta.persistence.JoinColumn;

import jakarta.persistence.ManyToOne;

import lombok.Getter;

import lombok.Setter;

import lombok.ToString;

@Entity

@Getter

@Setter

@ToString

public class Album {

    @Id

    @GeneratedValue(strategy = GenerationType.SEQUENCE)

    private long id;

    private String name;

    private String description;

    @ManyToOne

    @JoinColumn(name = "account\_id", referencedColumnName = "id", nullable = false)

    private Account account;

}

**Create a repository called AlbumRepository.java**

package org.studyeasy.SpringRestdemo.repository;

import org.springframework.data.jpa.repository.JpaRepository;

import org.springframework.stereotype.Repository;

import org.studyeasy.SpringRestdemo.model.Album;

@Repository

public interface AlbumRepository extends JpaRepository<Album, Long>{

}

**Create a service called AlbumService.java**

package org.studyeasy.SpringRestdemo.service;

import org.springframework.beans.factory.annotation.Autowired;

import org.springframework.stereotype.Service;

import org.studyeasy.SpringRestdemo.model.Album;

import org.studyeasy.SpringRestdemo.repository.AlbumRepository;

@Service

public class AlbumService {

    @Autowired

    private AlbumRepository albumRepository;

    public Album save(Album album){

        return albumRepository.save(album);

    }

}

**Create a controller called AlbumController.java**

package org.studyeasy.SpringRestdemo.controller;

import org.springframework.web.bind.annotation.RequestMapping;

import org.springframework.web.bind.annotation.RestController;

import io.swagger.v3.oas.annotations.tags.Tag;

import lombok.extern.slf4j.Slf4j;

@RestController

@RequestMapping("api/v1/album")

@Tag(name = "Album Controller", description = "Controller for Album and Photo management")

@Slf4j

public class AlbumController {

    public String addAlbum(){

        return null;

    }

}