

## 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;  
    }  
}
```