Next Generation School ERP Application

1. Create Education Year

EducationalYearMst {

Id= Auto generated;  
description = 2020-2021;

currentYear=true  
active = true;

@ManyToOne  
@JoinColumn(name="school\_id")  
private School school

}

Create service to create education year **CREATE** **EDIT deactivate**

1. Create Teacher **CREATE** **EDIT deactivate**

TeacherMst

{

Id

firstName

middleName

lastName

motherName

nationality

motherTongue

religion

cast

subCast

castCategory

minority

birthPlace

birthTahshil

birthDistrict

birthState

birthCountry

birthDate

gender

qualification

joiningDate

remarks

active

}

Create entry in user table.

User{

private Long id;  
 private String name;  
 private String email;  
 private String mobileNo;  
 private String username;  
 private String password;  
  
   
 @ManyToMany  
 @JoinTable(name = "user\_role", joinColumns = @JoinColumn(name = "user\_id"), inverseJoinColumns = @JoinColumn(name = "role\_id"))  
 private Set<Role> roles;  
   
  
 @ManyToOne  
@JoinColumn(name="school\_id")  
 private School school;

}

1. Create Classes **CREATE** **EDIT deactivate**

ClassMst {  
 @Id  
 @GeneratedValue(strategy = GenerationType.IDENTITY)  
 private Long id;  
 private String title;  
 private Boolean active;  
  
 @ManyToOne  
 @JoinColumn(name="school\_id")  
 private School school;

}

1. Class division

public class ClassDivisionMst {  
 @Id  
 @GeneratedValue(strategy = GenerationType.IDENTITY)  
 private Long id;  
 private String title;  
 private Boolean active;  
   
 @ManyToOne  
 @JoinColumn(name="class\_mst\_id")  
 private ClassMst classMaster;

}

1. Year wise class division **CREATE** **EDIT**

public class YearwiseClassDivision {  
 @Id  
 @GeneratedValue(strategy = GenerationType.IDENTITY)  
 private Long id;  
   
 @ManyToOne  
 @JoinColumn(name="educational\_year\_mst\_id")  
 private EducationalYearMst educationalYearMst;  
   
 @ManyToOne  
 @JoinColumn(name="class\_division\_mst\_id")  
 private ClassDivisionMst classDivisionMst;  
   
 @ManyToOne  
 @JoinColumn(name="teacher\_mst\_id")  
 private TeacherMst teacherMst;

}

1. YearwiseStudent **CREATE** **EDIT deactivate**

public class YearwiseStudent {  
 @Id  
 @GeneratedValue(strategy = GenerationType.IDENTITY)  
 private Long id;  
   
 @ManyToOne  
 @JoinColumn(name="yearwise\_class\_division\_id")  
 private YearwiseClassDivision yearwiseClassDivision;  
   
 @ManyToOne  
 @JoinColumn(name="pravesh\_nirgam\_id")  
 private PraveshNirgam praveshNirgam;

}

1. Create Holiday **CREATE** **EDIT deactivate**

public class HolidayMst {  
 @Id  
 @GeneratedValue(strategy = GenerationType.IDENTITY)  
 private Long id;  
 private Date date;  
 private String description;  
 private String type;  
 @ManyToOne  
 @JoinColumn(name="school\_id")  
 private School school;

}

1. Create Miscellaneous **CREATE** **EDIT deactivate**

public class MiscellaneousMst {  
 @Id  
 @GeneratedValue(strategy = GenerationType.IDENTITY)  
 private Long id;  
   
 private String code;  
 private String description;  
 private Boolean active;

}