**Project Documentation**

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**Students Database to Prevent Early Child Marriage**

**All Modules Step by Step**

**School:**

Controller Name**:** School

Model Name: School\_model

**School List**: Get All Schools Information

Function in Controller: function school\_list()

Function in Model: function get\_list()

Tables: schools\_info and schools

1. (join) schools\_info
2. (join) schools
3. (join) unions

**New School**: Add New School Information

Function in Controller: function school\_add()

Function in Model: function save\_school() table name - schools\_info

And function save() table name – schools

Edit School: Update two tables (schools\_info and schools) information By id

Function in Controller:

function school\_edit()

function get\_details() – get school information by id

Function in Model:

function update\_school() update table schools\_info

And function update() update table schools

**View School**: View details of each school by id

Function in Controller: function school\_view()

Function in Model: function school\_details()

Tables: schools

1. (join)schools\_info
2. (join) institute\_types
3. (join) education\_levels
4. (join) designations
5. (join) professions
6. (join) divisions
7. (join) districts
8. (join) upazilas
9. (join) unions
10. (join) thana
11. (join) paurasabha

**Teacher:**

Controller Name**:** Teacher

Model Name: Teacher\_model

**Teacher List**: Get All Teachers Information

Function in Controller: function teacher\_list()

Function in Model: function get\_list()

Tables: teachers

1. (join) schools\_info
2. (join) unions

**New Teacher**: Add New Teacher Information

Function in Controller: function teacher\_add()

Function in Model: all functions which are called in model

1. Save() – Save teacher information in teachers table
2. get\_full\_address() – get address of institute from schools\_info table by teache’s institute id
3. save\_stakeholder\_user() – save teachers information as a user in users table
4. save\_stakeholder\_user\_group() – save group id of the teacher in users\_groups table
5. add\_sms\_permissions() – set sms send menu permission of the teacher in table teacher\_sms\_receive (by default 0 mean can’t send)
6. update\_institute\_head() – update name of institute head of school by institute id in table schools

**Student:**

Controller Name**:** Student

Model Name: Student\_model

**Student List**: Get All Students Information

Function in Controller: function student\_list ()

Function in Model: function get\_list()

Tables: students

1. (join) schools\_info
2. (join) student\_api\_status
3. (join) divisions
4. (join) districts
5. (join) unions
6. (join) classes
7. (join) sections
8. (join) students\_groups

**New Student**: Add New Student Information

Function in Controller: function student\_add()

Function in Model: all functions which are called in model

1. save() – Save student information in table students
2. save\_student\_api() – save student information get from API based on birth registration no

**Stakeholder:**

Controller Name**:** Addressbook

Model Name: Addressbook\_model

**Stakeholder List**: Get All Stakeholder Information

Function in Controller: function people\_list()

Function in Model: function get\_list()

Tables: addressbooks

1. (join) rules
2. (join) professions
3. (join) designations
4. (join) organizations

**New Stakeholder**: Add New Stakeholder Information

Function in Controller: function people\_add()

Function in Model: all functions which are called in model

1. save() – Save stakeholder information in table addressbooks
2. save\_stakeholder\_user() – save stakeholder information as a user in table users
3. save\_stakeholder\_user\_group() – save stakeholder group id in table users\_groups

**Attendance:**

Controller Name**:** Attendance

Model Name: Attendance\_model

**Absent List**: Get absent students list

Function in Controller: function absent\_list()

Function in Model: function get\_list()

Tables: absent

1. (join) students
2. (join) schools\_info
3. (join) classes
4. (join) sections
5. (join) users

**Absent**: Submit student absent form

Function in Controller: function absent\_form()

Function in Model: function save\_absent()

Table: absent

**Absent Student List For send SMS**: Send SMS to absent students guardian

Function in Controller: function absent\_list\_sms()

Function in Model: function get\_list()

**Guardian SMS**: Search absent student info and guardian mobile no

Function in Controller: function guardian\_sms\_email()

Function in Model: function get\_guardian\_mobile\_list()

Tables: absent

1. (join) students
2. (join) schools\_info
3. (join) classes
4. (join) sections

**Promotion:**

Controller Name**:** Promotion

Model Name: Promotion\_model

**Promotion History**: Get All promoted students Information

Function in Controller: function promotion\_history()

Function in Model: function get\_list()

Tables: promoted\_students

1. (join) students
2. (join) schools\_info
3. (join) classes
4. (join) sections
5. (join) students\_groups

**Promotion Form**: Search Students for Promotion

Function in Controller: function student\_promotion()

Function in Model: all functions which are called in model

1. save() – Save students previous history in table student\_history
2. save\_promoted\_student() – save promoted information of students in table promoted\_students
3. update() – update students table with promoted information
4. save\_dropout\_status() – Save dropout students information in table dropout\_students

**Previous History**: Get previous history of promoted students

Function in Controller: function privious\_history()

Function in Model: function privious\_history()

Tables: student\_history

1. (join) students
2. (join) schools\_info
3. (join) classes
4. (join) sections
5. (join) students\_groups

**SSNM / Application:**

Controller Name**:** SSNM

Model Name: SSNM\_model

**Application List**: Get All application list

Function in Controller: function application\_list()

Function in Model: function get\_application\_list()

Tables: student\_sefetynet\_applications

1. (join) students
2. (join) schools\_info
3. (join) social\_sefetynet\_services
4. (join) unions

**Application Form**: Submit new Application

Function in Controller: function application\_add()

Function in Model: all functions which are called in model

1. save\_application() – Save application in table student\_sefetynet\_applications

Assign to Stakeholder: Search students to assign stakeholder

Function in Controller: function action\_assign\_form()

Function in Model: function get\_action\_assign\_list()

Tables: student\_sefetynet\_applications

1. (join) students
2. (join) schools\_info
3. (join) classes
4. (join) sections
5. (join) social\_sefetynet\_services
6. (join) unions

**Online Complain list**: Application list get from website

Function in Controller: function complain\_list()

Function in Model: function get\_complain\_list()

Table: opo\_complains

**Download Stakeholder Activity**: Stakeholder activity in PDF by each letter number

Function in Controller: function stakeholder\_activities()

Function in Model: function get\_stakeholder\_activities\_by\_letter\_number()

Tables: admin\_supports

1. (join) students
2. (join) schools\_info
3. (join) classes
4. (join) sections
5. (join) social\_sefetynet\_services
6. (join) student\_sefetynet\_applications
7. (join) early\_marriage\_risks
8. (join) solutions

**Result After Getting Support**: Stakeholder feedback after take an action

Function in Controller: function result\_after\_getting\_support()

Function in Model: function get\_result\_after\_getting\_support\_list()

Tables: admin\_supports

1. (join) students
2. (join) schools\_info
3. (join) classes
4. (join) sections
5. (join) social\_sefetynet\_services
6. (join) student\_sefetynet\_applications
7. (join) early\_marriage\_risks
8. (join) solutions

**EarlyMarrige:**

Controller Name**:** EarlyMarrige

Model Name: Early\_marrige

**Early Marriage Risk List**: Get Students at the risk of child marriage

Function in Controller: function risk\_list()

Function in Model: function get\_list()

Tables: students

1. (join) schools\_info
2. (join) classes
3. (join) sections
4. (join) students\_groups
5. (join) early\_marriage\_risks

**Other Risk List**: Get Other risk students

Function in Controller: function other\_risk()

Function in Model: function get\_other\_risk\_list()

Tables: students

1. (join) schools\_info
2. (join) classes
3. (join) sections
4. (join) students\_groups
5. (join) early\_marriage\_risks