#### WEB-SCHOOL MANAGEMENT SYSTEM(SMS)

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#### Introduction

- School Management System is like a popular Enterprise Resource Planning (ERP) system which integrates all data and processes of an educational institution into an unified system.
- With support of technical expertise, this system has been developed by working closely with School System.
- This system is developed to tackle and replace existing historical bookkeeping system with much awaited SMS.

#### Scope:

- The system is highly flexible one and is well efficient to make easy interactions with the staff, student, parents, admin.
- This will be a user-friendly one and can successfully overcome strict and severe validation checks.
- The system will be a flexible to adopt any type of changes needed.

#### Modules:

- Super -admin: Can view and access all information, including messages between other groups
- Administration: Add/edit most information
- Teaching staff: They have access and can edit information regarding their respective classes/students.
- Non-teaching staff: Can access/edit information relevant to their particular jobs.
- Parents: Can view all relevant information.
- Students: Can view only Academic Schedule.

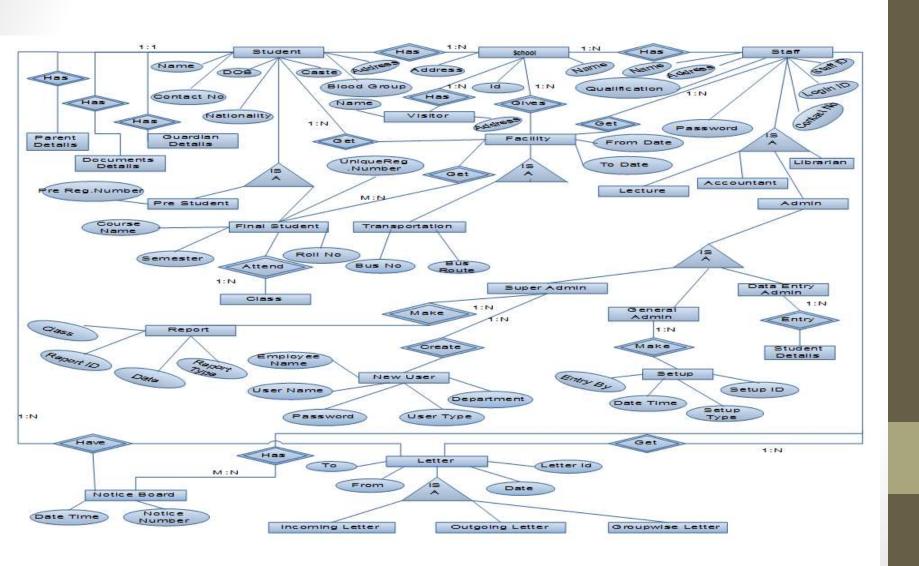
#### Proposed Modules

- Academic Schedule
- Online Admission
- Leave Approval
- Parents Teacher Portal
- Report Card
- Gallery

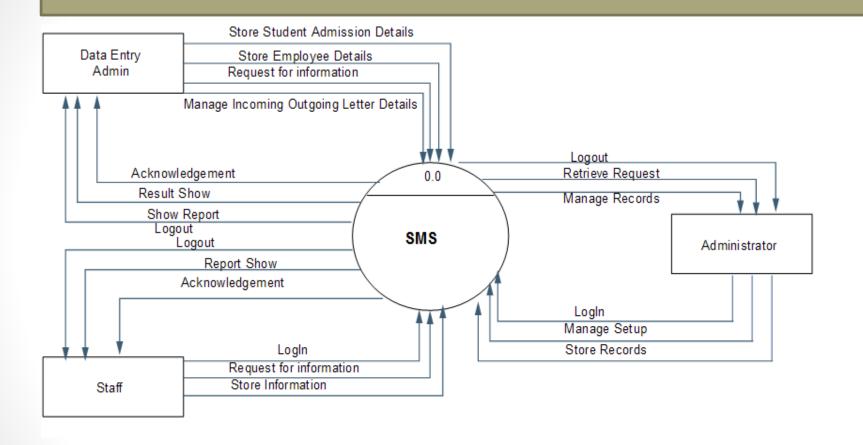
# Analysis and Design

#### **ENTITY RELATION DIAGRAM**

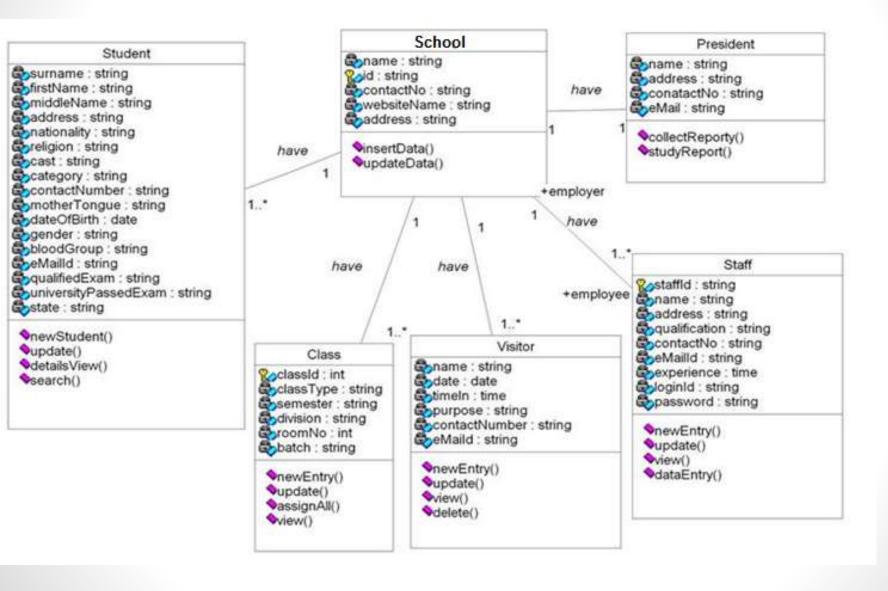
(ERD)



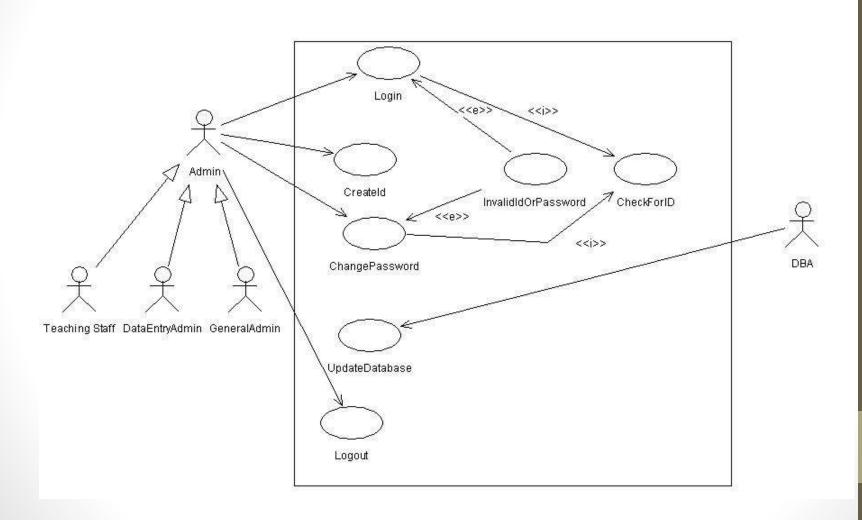
#### CONTEXT LEVEL DIAGRAM:



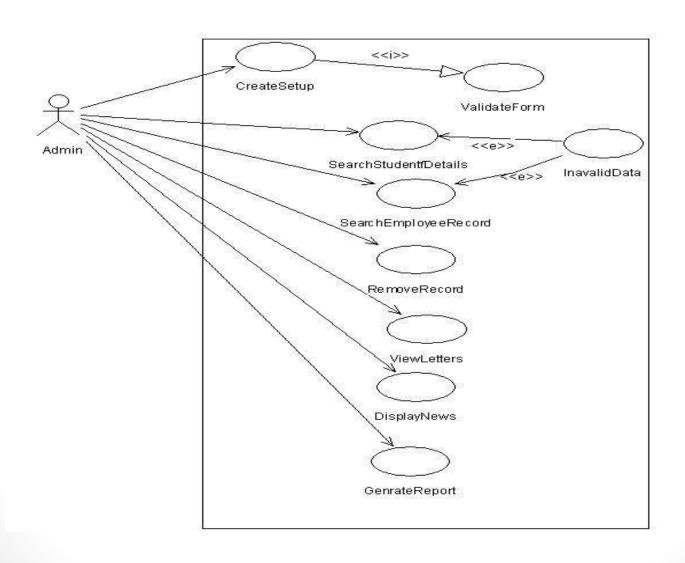
#### Class diagram:



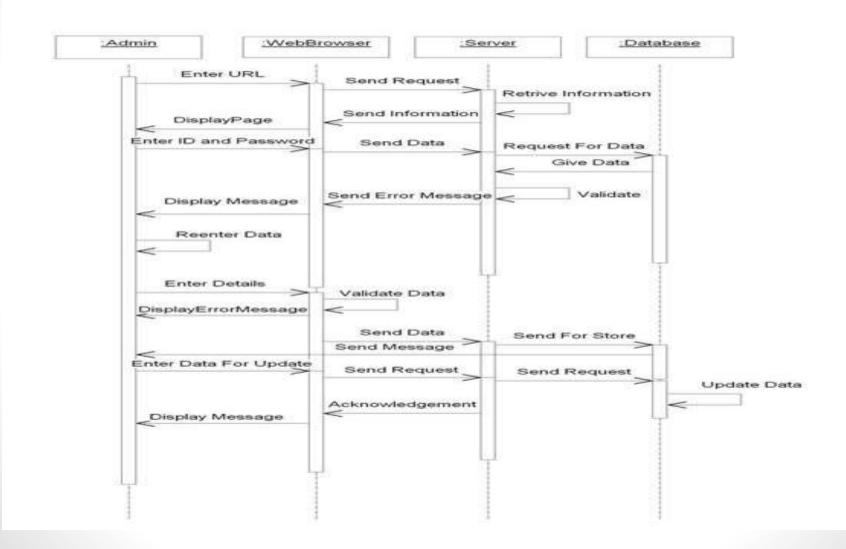
## Use case: (Login)



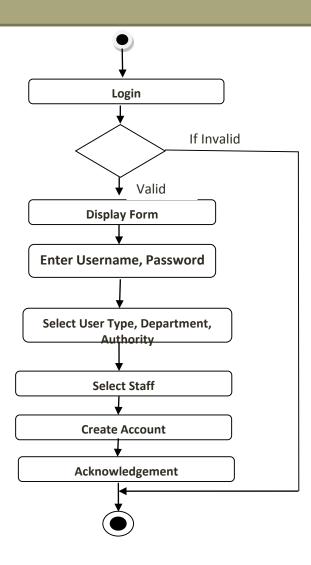
#### Admin authorities:



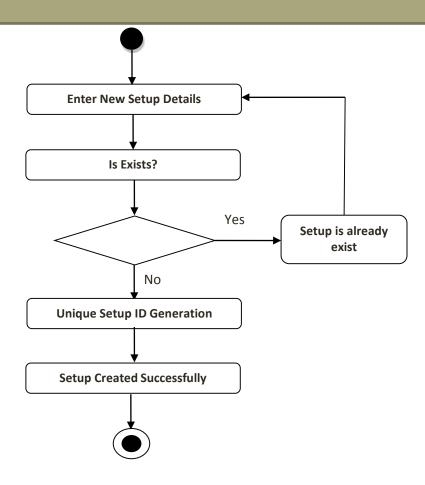
## Sequence Diagram: (Admin)



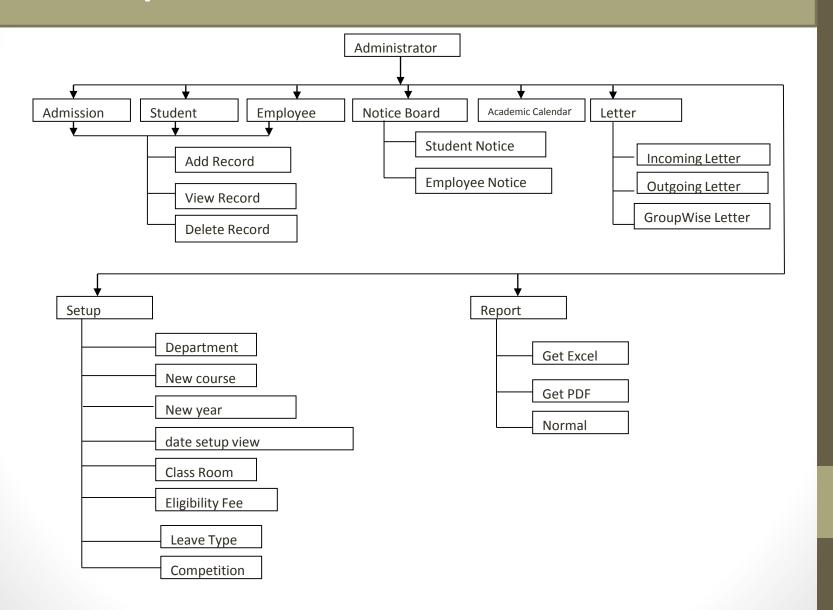
## Activity diagram:



## Activity for setup:

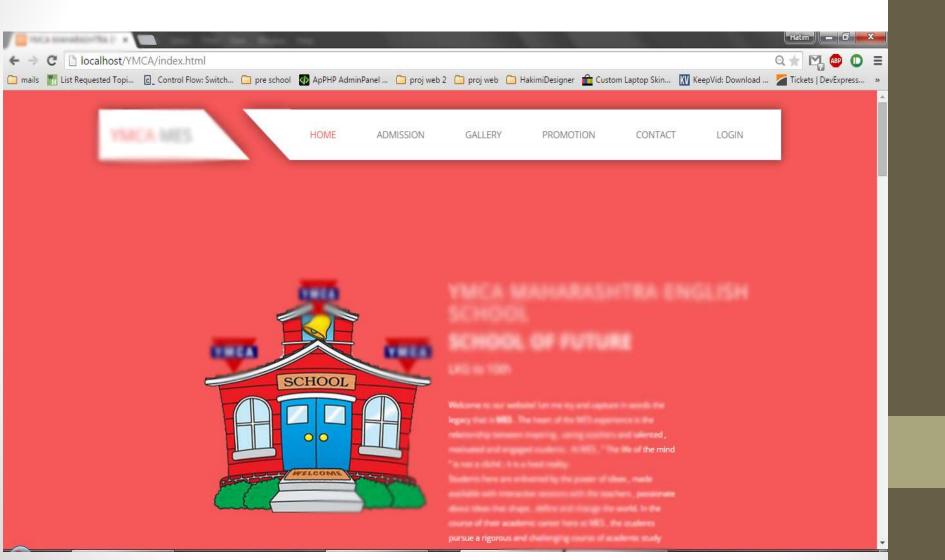


#### Site Map:

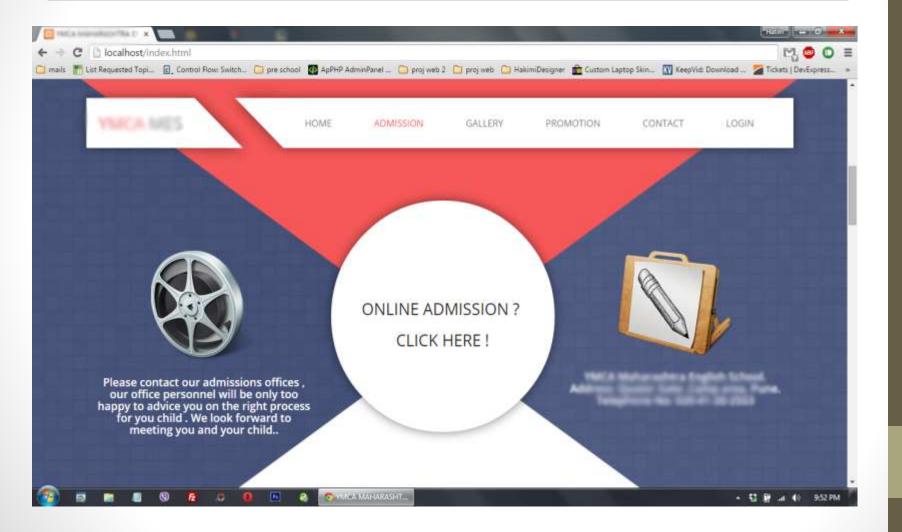


#### Screens: User interface

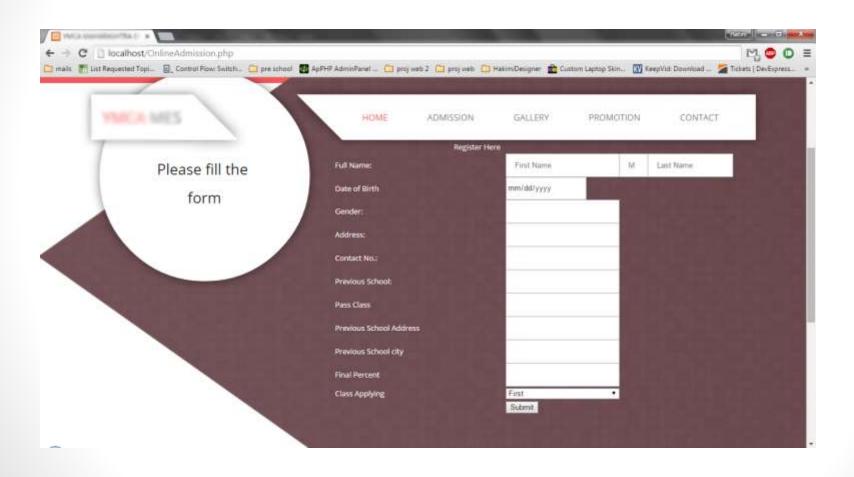
#### Home screen:



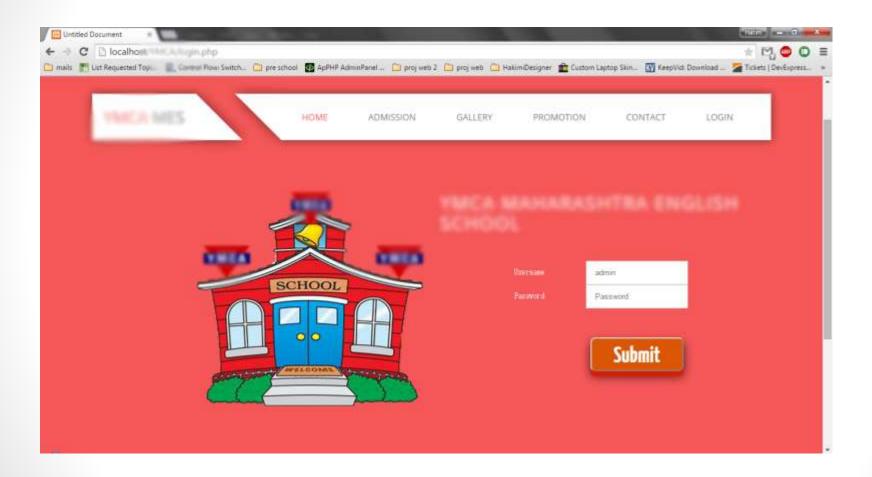
#### ONLINE ADMISSION



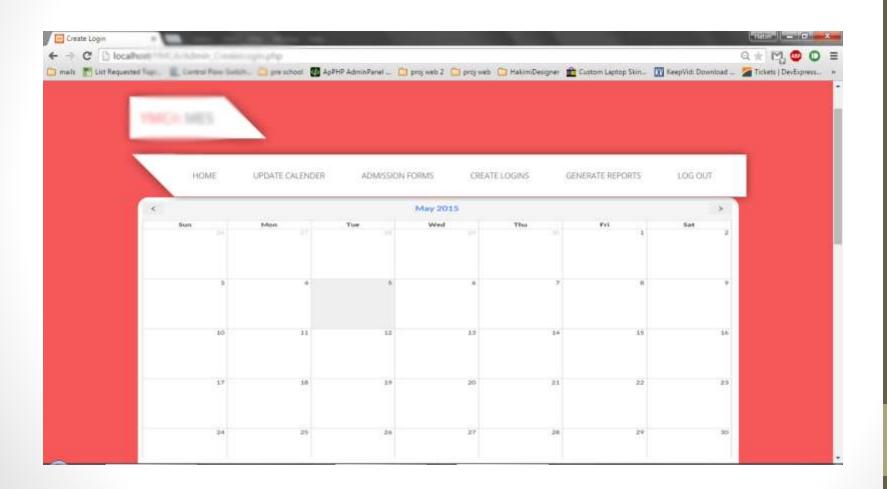
#### ADMISSION FORM



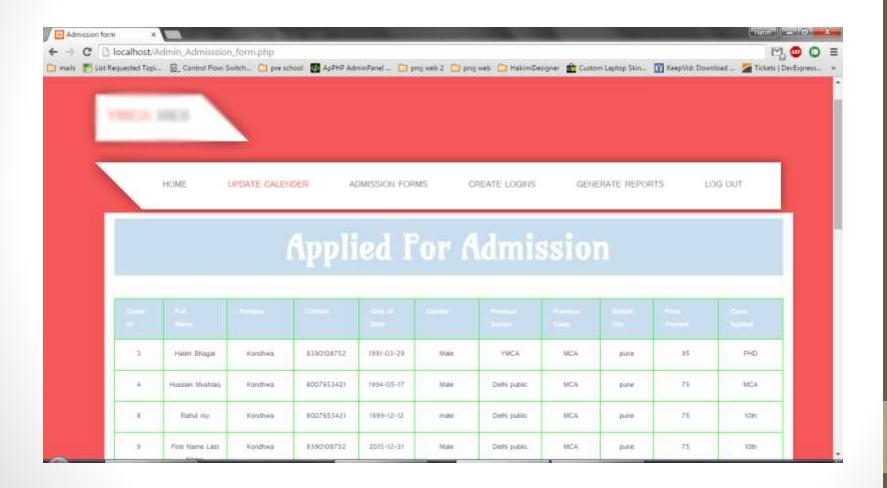
## Login Screen:



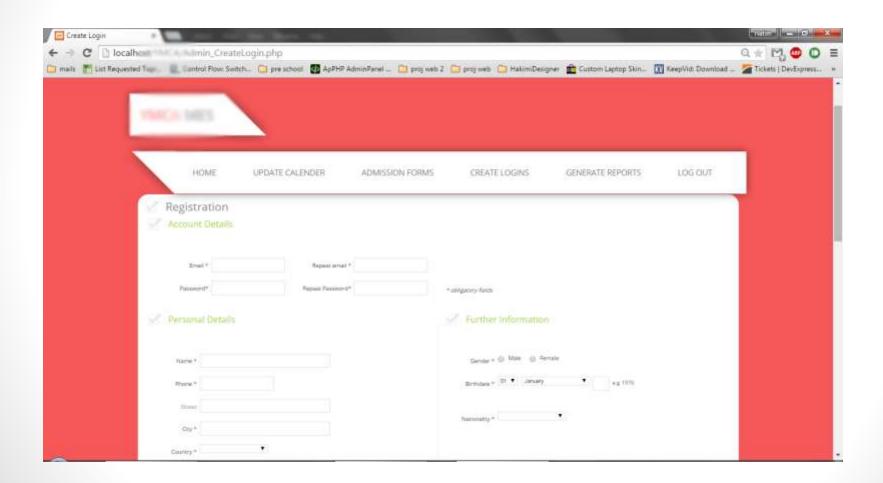
#### Generate Schedule



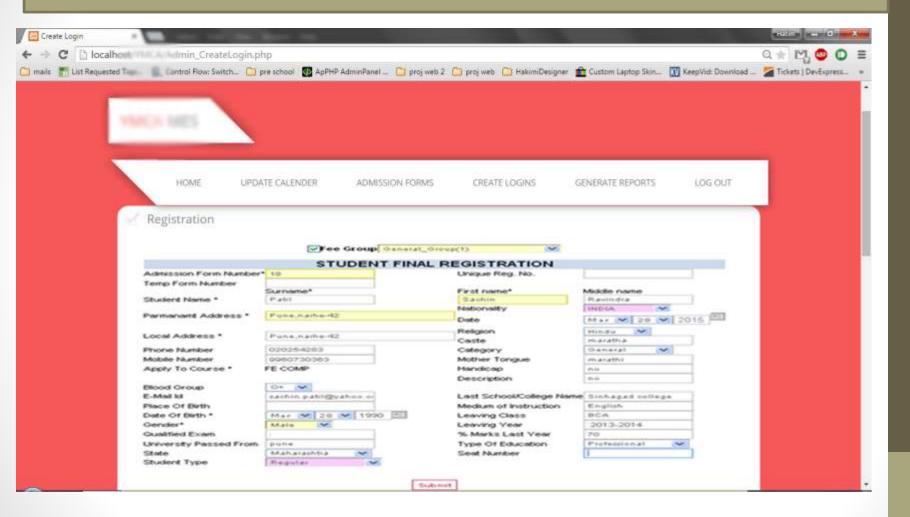
## Admission Applied Detail



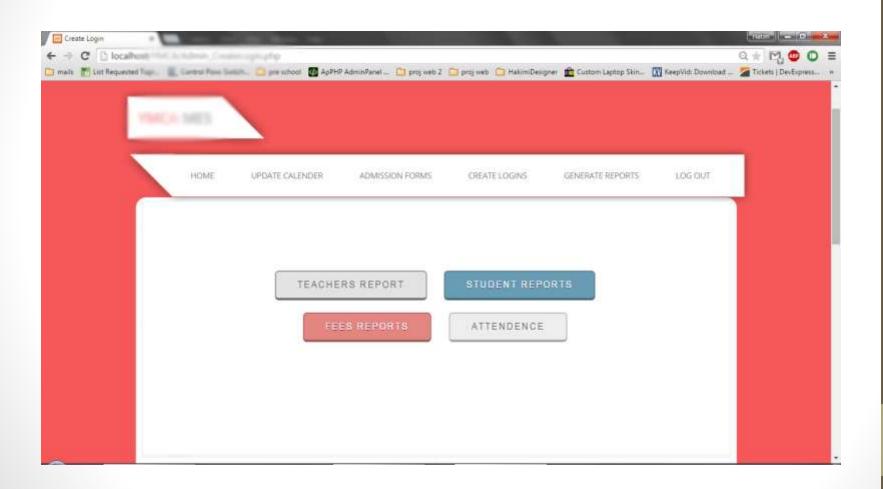
#### Create Logins for Teacher/Parents



#### Student Registration:



#### Generate Reports



## SOME MORE INFORMATION

#### **Drawbacks and Limitations**

#### **Drawback:**

- ID and Password can be used by some other Person which is not authorized.
- Web Application Does not have any student Login.
- Only Super-Admin and Admin can create Logins.
- Application is slow as it's having large database.

#### **Limitations:**

- This WEB SMS ERP Application is vast, It will be stress on web server.
- The Application is limited only for particular institute according to institute requirement changes in module.
- In this Application Email and SMS Facility not provided.

#### **Proposed Future Enhancement**

#### Services Like-

- Will store Attendance details of each Student.
- Will provide SMS Alert, Email for each module facility.
- Will store Attendance details of each employee automatic.
- Chat between the Employees.
- Will provide content management system.
- Will provide online exam facility.
- School Bus Tracking system for student Safety.

#### Conclusion

- Using this excellent tool will enhance educational management's image and reputations within parent's community, who are always looking for better institute for their near and dear ones, and with sought after teachers looking for challenging environment.
- It is online management data can easily entered, accessed, edited, processed and managed over internet setup
- Multiuser and Admin controlled access.
- PDF report generation.
- Access to all stockholders.
- Controlled redundancy and maintained accuracy.
- User friendly input output screens.
- Printing and storage of various reports.

#### **Bibliography**

#### References

- Web Programming For PHP
- MYSQL Black Book.
- SAMS Teach Yourself UML in 24 Hours by Joseph Schmuller.
- Software Engineering by R.Pressmen- 6'th Addition.

#### **Website Link**

- http://www.phpclasses.com
- http://www.w3schools.com
- http://www.stackoverflow.com
- http://www.apphp.com

# THANK YOU