

Introduction:

Indepth solutions is a group of creative, motivative and professional software developers, having diversified set of skills to achieve fantastic applications and website development with a highest efficiency. We aim to provide innovative and effective solutions to our customers in order to automate their daily routine processes with high efficiency and incremental outcomes.

Literature Review:

The client is an education organization who are willing to have a digital solution for their daily routine work. Currently, all of the students, tutors and other necessary records are managed manually. The digital solution is required to have features to store necessary and statistical data to fasten the organizational daily routine processes as well as financial reports.

The Project.

The application will have the following modules to be functional.

1. Students Database:

The first and important entity for the organization to store records is the student's database. This module helps in storing and previewing students' profile and history of student.

2. Tutors Database:

In an educational organization, apart from students, the tutorial staff is the important factor whose information shall be stored. The tutor module fulfills the requirement of tutor's profile, pay history and stay in the organization.

3. Student Fee Voucher:

Finances matters a lot in any organization whether it is an educational or a corporate. Students Fee plays a vital role in defining an educational organization's income. This module helps in generating an automated solution to generate students Fee challan's which can be printed and handed over to student. Additionally, one has the ability to edit a particular fee voucher apart from previously defined fee stats.

4. Tutor Pay Slip:

This feature generates and automated pays slips on every 28th of the month. The administration / owner of the school / academy has the right to edit the pay slip before publishing it over the concerned employee.

5. Classes:

As the name suggest. This module helps in registered the classes with their alias, in the school. Class Aliases are editable at any time.

6. Queries

Every next day, there are a thousand of customer who walk in or have some mode of communication who enquire about distinct aspects. For instance, classes schedule, fees, tutors etc. This module helps in maintaining the record of queries per day. It may also be treated as a marketing strategy.

7. RBAC:

RBAS abbreviated as Role Based Access Control. An important feature of any application to restrict access of resources to different users having different roles in the organization. This module helps in registering the users and providing them adequate access to the portal.

8. Notifications:

The role of this module is to send a notification each time a record is added or query is added.

Timeline:

The application is developed in 45 days including 4 revisions from the client. The application is deployed on the live server for the client to test the system.

Costing:

Resource	Price Per Hour	Working Hours / Day	No of Days	Total
Technical Resource 1	570	3	40	102,272.00/-
Technical Resource 2 (Myself)	1000	4	40	160,000.00/-
Liabilities (5% / Head) 8000 + 3420				11,420.00/-
Net Total				273,692.00/-