

# Tuitment

Everything you need, To Start Managing your Institute Online

...

A Case Study



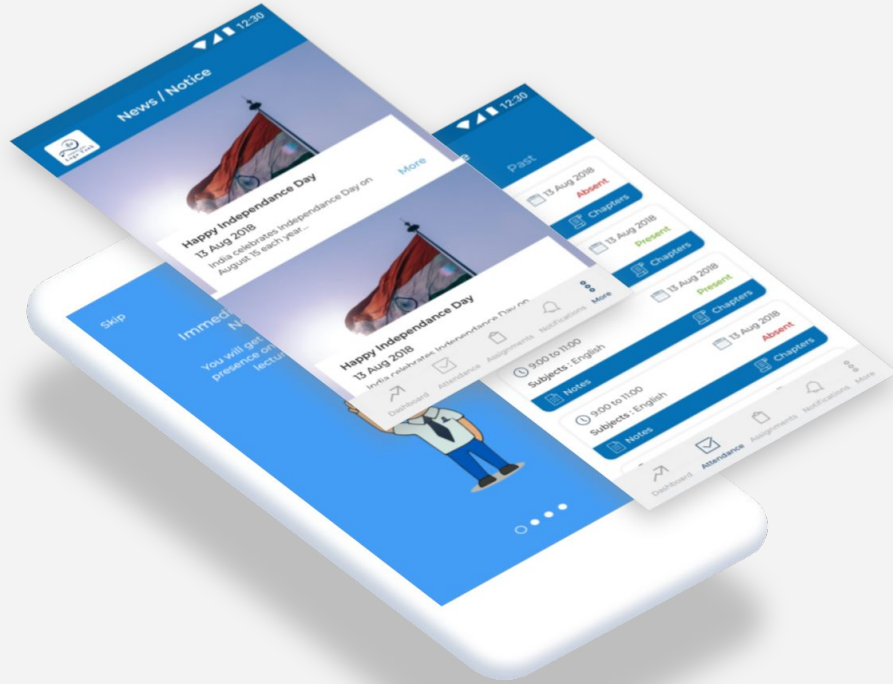
# Overview

There are 2 different app for Tuitment Students/Parents & Tuitment Admin/Staff. Both apps have different features. With Tuitment student/parent app all student related activities are managed. With Tuitment Admin/staff app admin & staff features are managed.

# Aim Of The App

*“Everything you need, To Start Managing your Institute Online”*

With Tuitment app you can manage your Coaching Institute very easily & efficiently. Your paperwork will reduce by 80-90 % and your revenue will increase by 30-40%. Tuitment is proper software for small to bigger size coaching class.



# Tuitment

---

Key Points

Key Roles

Key Functionalities

---

# Institute Owner

- Institute Owner can register with Tuitment platform with selected subscription plan.
- For the Institute Owner there are 3 plans are available as listed below:
  - Single Branch
  - One Month Trial
  - Multiple Branches
- Institute Owner can create a institute branch from the dashboard and they can edit and delete the branch.
- They can edit the details about the coaching institute.

# Branch Manager

- Institute Owner can create a branch manager and assign the branch of the institute.
- Now Branch Manager can manage their branch. They manage Staff, Students, Courses, Transactions, Exams, Schedules, Expense etc.
- Branch Manager can add staff and manage staff means they can edit, delete the staff member as well.
- Branch Manager can manage the student and make admission to new students in the institute branch.
- Branch Manager will create a new exam, schedule, notice, assignment, expense and also create a different types of reports.

# Staff

- Staff can logging in the app using register email and password.
- Staff can access following things access in the dashboard; Institute Exams, School Exams, Lectures, Schedules, Notifications, Notices, Assignments, About Institute, Team.
- Staff can also access the Sell and Purchase book and also see the total earning under the institute.
- Staff can take attendance and also check the attendance of students.

# Students/Parents

- Student/Parents can logging in the app using register email and password.
- After registration student will login using the registered email and password and access the dashboard.
- Student can have access following details in the app; Course Details, Fees details, Institute Exams, Schools Exams, Attendance, Notification, Notice, Assignments, Schedule, About Institute, Team, Sell/Purchase Books.
- Parents can switch the account if they have more than one child studying in same branch.



# Technology and Tools

## Front-end Development

**Technology:** Laravel - PHP Framework (V 5.1), Google APIs

**Front-end:** PHP

**Back-end:** MySQL

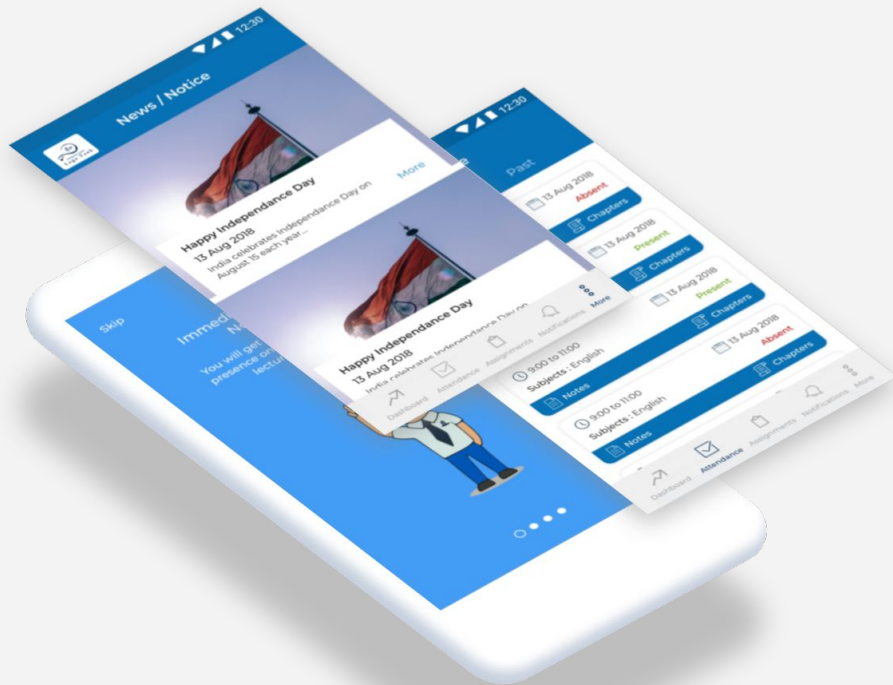
**UI/ UX Design:** Sketch

# Technology and Tools

Building Mobile App

**Android:** Java for Android using Android Studio

**iOS:** Swift for iOS using XCode



# Challenges & Solutions



# Taking Understanding of Education Industry

- When we are thinking automate this system, at that time it's more important to know about the process of the coaching class.
- For that we are meet to few coaching institute owner and understand the process of coaching institute.
- Finally we got total understanding of the system and after that we have developed the tuitment platform for the coaching institute.

# Multiple User Roles

- Define User Roles of the system is one of the challenging part for the develop this system.
- We have done the analysis of the process and finalise the below hierarchy for the user roles:
  - Tuitment Admin
    - Institute Owner 1
      - Branch Manager 1
        - Teacher
        - Students
        - Parents
    - Institute Owner 2
- We have defined this user roles hierarchy and using proper database structure we have solve this problem.

# Exam Module

- In this system Exam Module is the one of most challenging part because here in this system we need to manage the institute exam and also manage the schools exam, according to that exam we also need to manage the marks of that exams.
- We have create 2 different module; one is the institute exam and 2nd one is for the schools exams in that way we have manage this problem in the tuitment platform.

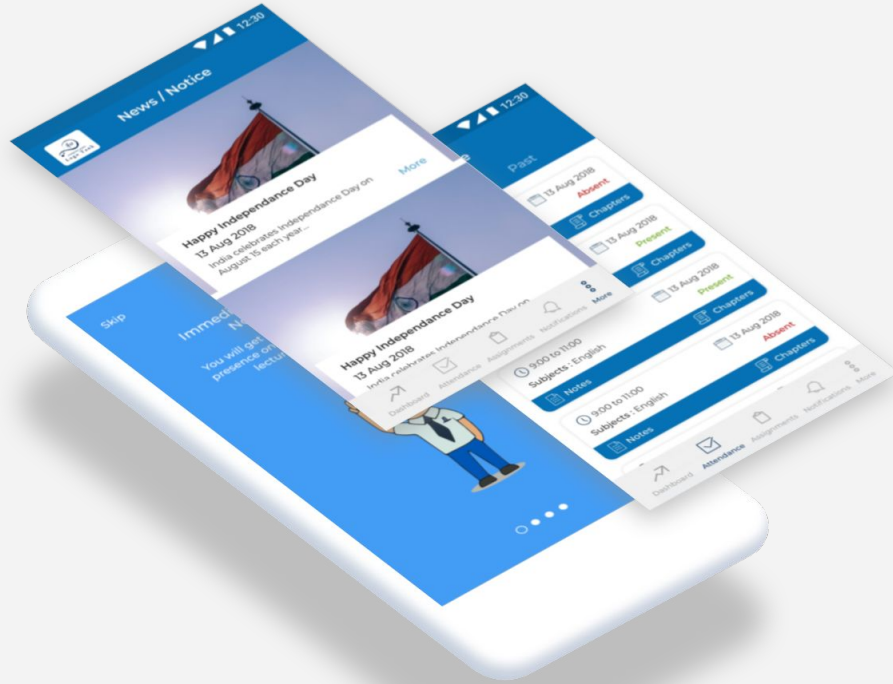
# Schedule (TimeTable) Module

- Managing Schedule of each and every class that is very big challenge because we need to take care of each and every hours as teachers wise, class wise, subject wise also need to take care if it is any schedule will not clash to each other so it was very challenging part for us.
- But we have done proper analysis and check each and every possible cases and find the one way and implement in the system.

# Report Module

- Report Module is one of challenging part in the Tuitment platform, because we need to implement the different types of report in the dashboard and that is not easy task to maintain the multiple reports data.
- We need to create report below listed points:
  - Report Dashboard
  - Student Attendance Report
  - Insti. exam performance Report
  - School exam performance Report
  - Teacher Attendance Report
- As our system database structure is very well so can implements this report functionality in the Tuitment Platform.





# Visit Tuitment Today



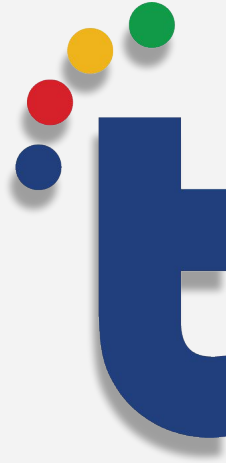
## Student App



## Staff App



# What We do?



# Web & Mobile App Development Company | Technource

Technource offers a fully authorised web and app development services with a pledge that your inquiry is treated in professional & strictly confidential way. Our expert team is able to draw knowledge and experience from our backgrounds which cover all industrial portfolios of website designing & development, mobile app development for Android, iOS and Windows devices, enterprise application development & digital internet marketing.

Our passionate team of professionals also have ample of experience in eCommerce web development and customisation, like Shopify, Magento, WooCommerce, etc on open source platform. We are trusted by numerous international clients with reliable & trusted agents located worldwide. for any solution that they require. We gear up with every new technology that helps driving into futuristic ideas.

# We Serve

- Advertising
- Education
- Financial Services & Insurance
- Food & Beverage
- Healthcare
- Hospitality
- Management & Consulting
- Media & Entertainment
- Real Estate
- Retail & E -Commerce
- Travel



# Thank You

Case study prepared by: Technource

