

Project Proposal for Miteshsir

Version Number 1.01



Presented by,
Team techicom

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About **techicom** software and ai solutions

Curating technological solutions, websites, mobile and web applications and partnering businesses around globe for the last 12+ years has allowed us to explore the challenges stakeholders face. We know what it takes to become a successful business. With our value first approach, we help business owners and various stakeholders of the company to run and automate their processes with ease which helps businesses to generate better ROI, right way, like for real.

Our vision for the year 2025, is focusing on providing solutions to the game changers and aspirants of transformation with industry 4.0 solutions that we aim to deliver, with finesse.

Minds behind **techicom**



Kumash Shah
Chairman of the
Board & CEO



Maulik Chauhan
VP - Global Sales
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Dhruvit Pancholi
Board Member &
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Uma Gosai
Board Member &
Executive Director

a digital transformation company

poised to design, develop, innovate and automate business operations for organizations with ai, tech, branding and sales solutions

We are multi-disciplinary digital transformation company with expertise delivering services for B2B, D2C, startups and industrial manufacturing, service sector companies

Software Requirement Specification (SRS)

1. Introduction

- a. The Safal Dhyey Mobile App is designed for students from 4th to 12th standard to track their academic progress, set goals, build smart habits, and improve learning. Parents monitor student progress, while Admins manage the system, approve entries, and handle reports.

2. User Roles & Access Control

- a. User Hierarchy & Access

Feature	Master Admin (Developer)	Admin (Institute)	Student	Parent
Manage All Users & Roles	✓	✗	✗	✗
Create/Edit/Delete Admins	✓	✗	✗	✗
Create/Edit/Delete Students & Parents	✓	✓	✗	✗
Approve & Manage Reports	✓	✓	✗	✓
Curriculum & Board Management	✓ (Full Access)	✓ (Can Modify & Approve)	✓ (Can Add, No Modify)	✓ (Can Add, No Modify)
Goal & Progress Tracking	✓	✓	✓	✓
Self-Assessment (SSA)	✓	✓	✓	✓
Daily Action Plan (DAP)	✓	✓	✓	✓
Habit Tracking	✓	✓	✓	✓
Rewards & Points Management	✓	✓	✓	✓
Attendance & Scheduling	✓	✓	✓	✓
Payment Management	✓	✓	✗	✓
Discussion Forums	✓	✓	✓	✓

Important Points

- Super / Master Admin -> Admin -> User Creation (Student & Parents)
- 3 kinds of users and all 3 will get access to functions as per their packages and set by Admin or Master Admin

Project Highlights

3. Functional Requirements

3.1 User Authentication & Access

- Secure Login: Email/Mobile OTP-based authentication
- Role-Based Dashboard: Different for Admin, Student, Parent
- Forgot Password & Two-Factor Authentication (Optional)

3.2 Dashboard

- Students: View goals, progress, task completion, and points
- Parents: Monitor child's performance, approve reports, receive alerts
- Admins: Manage student reports, attendance, scheduling, and rewards

3.3 Curriculum & Board Management

- Students select their board (GSEB, CBSE, IB, ICSE) at registration
- Board-Specific Subjects & Chapters are assigned
- Students & Parents can ADD new subjects/chapters if missing
- Admins approve & modify curriculum before it's available to students

Workflow:

1. Student/Parent adds a new subject or chapter
2. Entry moves to "Pending Approval" status
3. Admin reviews and approves/modifies
4. Once approved, the chapter becomes visible to all students

Important Points

- Once login first they should see common areas (all students and parents) for common discussion
- Attendance report (notification on clicking button of presence, absence, with parent & Parent meeting presence)
- Section for adding note after every session with Student or parents and before one day session parents concerns share to Mitesh sir
- Animation on button actions
- Google Calendar or other schedule/appointment integration
- Auto Notification on their Mobile (student & both parents) before session (1 hours before & 01 day before) & for task approval
- On receiving notification for the upcoming session choice for rescheduling, postponed or prepone session from mobile application

Project Highlights

3.4 Smart Self-Assessment (SSA)

- Students enter self-assessment scores per chapter
- Color-coded performance (Red: <50%, Amber: 80%, Green: 90%+)
- Motivational messages based on performance
- Weekly & Monthly SSA reports
- *Revision Calculator* (Reverse calculation of chapters, hours, and days left)

3.5 Mini Goal Tracker (MGT)

- Set test/exam goals (Total Marks, Achieved Marks, Smart Self-assessment After Exam (SSAE), Target Goal, Achieved Goal)
- Parent approval required
- Weekly automated reports

3.6 Daily Action Plan (DAP)

- Plan & log study sessions, homework, assignments, and revisions
- Auto-suggested priority topics based on weak areas (Based on SSA)
- Value Reading Tracker: Book title, page count, author, price, completion status
- Day-End Reflection: Student selects mood with emojis (Awesome → Stressful)
 - If 3+ consecutive stressful days, parent receives an alert
- Auto-reminders for daily/weekly submissions

3.7 Smart Habit Tracker (SHT)

- Track 30 habits (customized per student)
- Daily marking of completed habits
- Weekly & Monthly progress reports
- Motivational messages for habit completion

3.8 Magic Box Score (MBS)

- Auto-score calculated from SSA, MGT, DAP, and SHT participation
- Parents provide additional scores & feedback
- Achievers Board: Performance-wise ranking

Important Points

- Day streak rewards points or coins
- Mastery rewards points or coins
- League - Leader Board more points or coins higher the ranking
- After 7 days of constant missing (Daily submissions) or 4 times weekly submissions missing share a strong message that now notification will not be shared until you turn up again with their missed points or coins
- Book reading GOAL - Title, page number, Price, author etc also with completed or pending, and direct link to DAP V.R

Project Highlights

3.9 Monthly Progress Report

- Highlights student achievements & celebrations
- Auto-generated performance card
- Mentoring Schedule: Rescheduling, postponing, or preponing sessions
- Parenting Session Tracking

3.10 Attendance & Session Tracking

- One-click attendance marking (Presence, Absence, Parent Meeting Presence)
- Rescheduled Sessions Log: Number, details, and missed sessions count
- Auto-notifications for upcoming sessions (1 hour & 1 day before)
- Reschedule option directly in the app

3.11 Gamification & Reward System

100% Club:

- Students with >80% MBS and 100% completion in all activities
- Earned Points & Redeemable Rewards

Leagues & Challenges:

- Rankings by Performance: Gold, Silver, Bronze categories
- Quarterly, Semi-Annual, Annual competitions
- Bottom 3 students get demoted to a lower category

Rewards:

- Streak & Mastery Rewards
 - Bonus Points: 1500 pts for 3 months in 100% Club
 - 5000 pts for 6 months
 - 10000 pts for 12 months
- Points can be redeemed for rewards

Important Points

- Different Types of League or Challenges and their ranking accordingly For example Black, Red, Violet, Orange, Yellow, Blue, Green, Purple, Pink, Silver, Gold etc.
- Category wise ranking and overall ranking with category colour
- Bottom 3 students will be demoted to lower category league
- Highest League will have Quarter Final, Semifinal and Final (3/6/12) months and winner will be rewarded with variable coins or fixed coins or other benefits like free subscription for x months
- At the end of the Day Student will choose How was your day Stressful, Bad, good, Very good, Awesome, Super Awesome with emojis

Project Highlights

3.12 Scheduling & Notifications

- Google Calendar Integration for session scheduling
- Push notifications for reminders, approvals, session alerts
- Strong reminder message after 7 days of inactivity

3.13 Payments & Subscription

- RazorPay integration for fee collection
- Subscription management for different user plans

3.14 Help & Support

- FAQ Section
- Terms & Conditions Page
- Contact Us Page
- Support Ticket System

4. Technical Specifications

4.1 Platform & Technologies

- Frontend: Flutter (Dart)
- Backend: CodeIgniter (PHP)
- Database: MySQL
- Authentication: Firebase Auth / OAuth2.0
- Payment Gateway: RazorPay Integration

4.2 Performance & Security Requirements

- Scalable architecture to handle thousands of students
- Data encryption & secure transactions
- Role-based access control

5. Deployment

- Cloud Hosting: Linux Dedicated Server
- Version Control: GitHub / GitLab
- Pipeline: Automated build & deployment
- Regular Updates & Bug Fixes

Project Highlights

- Parents' Exclusive Zone (Only accessible to parents, where Mitesh Sir shares expert parenting content)
 - Parenting Style Tracker & Nurturing Guide
 - Quick Parenting Style Quiz (3 to 5 Minute Self-Assessment!)
 - Parents answer 20-25 yes/no questions to determine their parenting style.
 - Weekly Parenting Check-In (2 to 3 minutes)
 - Personalized Parenting Insights & Action Steps
 - Parenting Progress Tracker (Visual Growth Chart 📊)
 - Parent-Child Growth Agreement (Less Stress, More Harmony!)
 - Parental Support Guide (To be uploaded in video or text format)
 - Smart Parenting Reminders (Gentle, No Spam!)
- Student area
 - Smart Study Affirmations (in flash card format)
 - Next-Day Confidence Feature (5-Minute Self-Reflection Before Sleeping)
 - Suggests Solutions:
 - If a student spends 1.5 hours on social media, AI might suggest:
 - "Try setting a 30-minute limit tomorrow."
 - Study & Focus Tools
 - Study Time Tracking (Subject-Wise & Chapter-Wise)
 - Pomodoro Study Break Cycles (Customizable Timer!)
 - Holistic Development & Well-Being
 - Guided Meditation (With or Without Music)
 - Value Reading & Its Benefits
 - Why Workout? & Brain Gym Activity ?(Exercise & Study Performance!)
 - Nutrition for Smart Students (Pdf or video upload)
 - Digital Detox Guide

Important Points for Access

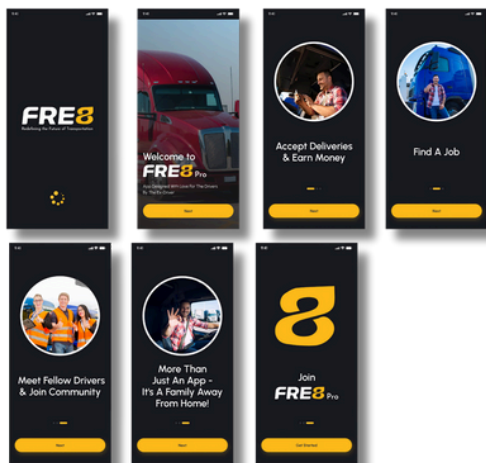
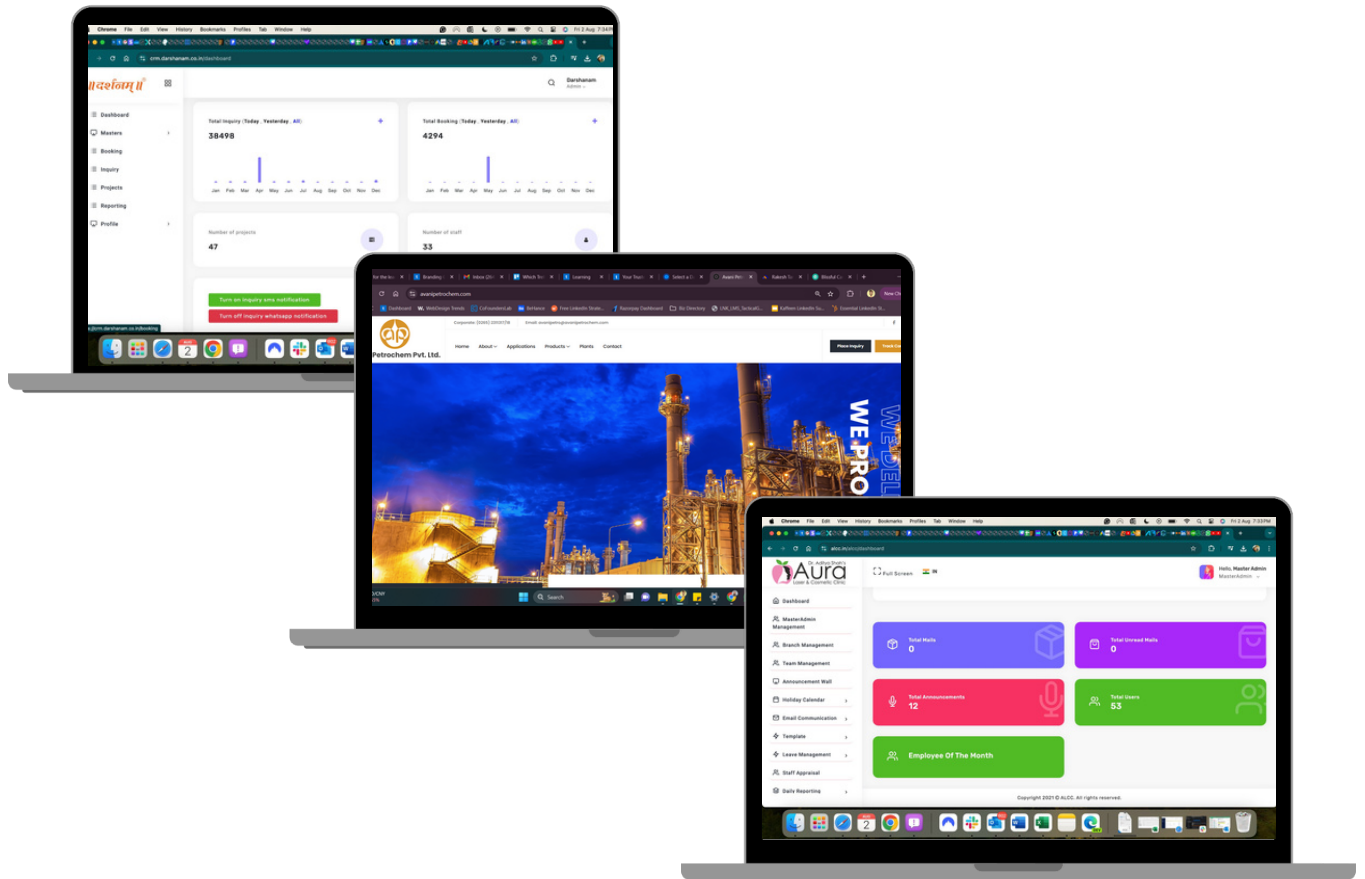
- | | |
|-------------------------|----------------------|
| • Safal Dhyey Aspires | • General Public |
| ◦ Student & Parents | ◦ Student & Parents |
| • Safal Dhyey Achievers | • Institute |
| ◦ Student & Parents | ◦ Student, Parents & |
| • Safal Dhyey Igniters | Institute |
| ◦ Student & Parents | |

Project Investment

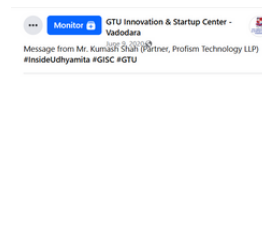
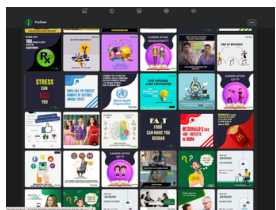
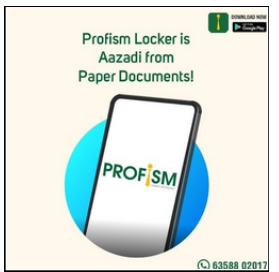
- **Budget Estimate**
 - **Development** (Development + Design + Testing)
 - Approx. Hours : ~210 Hours

Some of our previous work

Our work speaks the volume of our understanding and delivery.



Project "Profism"



Annexure : I

- Admin Web CRM & API
 - Login Page
 - Dashboard
 - Masters Management
 - Student Add/View/Edit/Suspend
 - Parent Add/View/Edit/Suspend
 - Board Management
 - Medium Management
 - Syllabus Management
 - Chapter Management
 - Subscription Management
 - Plan Management
 - Auto Notifications before scheduled sessions & for Task Approvals o Birthday wishes via Notifications
 - DAP View Student Wise
 - Habit Tracker View Student Wise
 - Magic Box View
 - Coin Balance & Redeem Details View
 - Smart Self Assessment View
 - Mini Goal Tracker View
 - Animation on Button Actions
 - Ecommerce Store product display with coin values
 - Reports
 - DAP category-wise report
 - Color-wise score report
 - Not performed habit report
 - Celebration of month report
 - Monthly progress report
 - Student Mentoring Report
 - Parenting Session Report
 - Mobile App Development (android)
 - Dashboard Screen with Insights
 - Progress Tracker
 - Daily Activity Submission
 - Habit Tracker Submission

Annexure : II

- **Masters :** Following Masters will be available -->
 - Students
 - Parents
 - Applicable Board (GSEB, CBSE, IB, ICSE)
 - Standards
 - Subjects (Standard-wise Subjects)
 - Chapters (Subject-wise chapters)
- **Smart Self-Assessment (SSA)**
 - SSA will be the provision to capture the student's self-assessment for each chapter of each subject.
 - Students will enter the percentage (out of 100%) for self-assessment and whether the respective chapter is started in the offered Mobile App.
 - The self-assessment will be displayed with color-code on the screen and SSA report. The color scheme will be as mentioned below:
 - RAPID RED: up to 50%
 - Give motivational message (to be defined)
 - AMBITIOUS AMBER: 80%
 - Give the message (to be defined)
 - GLORIOUS GREEN: 90% and above
 - Give the message (to be defined)
 - SSA report will provide the details for last 18 weeks.
- **Mini Goal Tracker (MGT)**
 - The offered Mobile App will provide the facility to capture and track the goals of the student through MGT.
 - The students will enter the MGT details in the Mobile App as mentioned below. MGT will be Subject-wise wherein the student will get the facility to define the different types of tests (as and when required) along with following details:
 - Date of the Test
 - Type of Test: Test or Exam at School or Tuition/class etc.
 - Syllabus
 - Total Marks (TM)
 - Goal for the test
 - Smart Self-assessment After Exam (SSAE)
 - Achieved Marks (AM)
 - Progress student on the subject will be calculated based on the following criteria:
 - • Average of TM / AM
 - • Average of Goal / AM

Annexure : III

Daily Action Plan (DAP)

- Students will enter the details of DAP in the Mobile App for planned time vs. actual time spent for various activities as mentioned below:
 - Date
 - Smart Regular Study
- Priority list will be available for selection based on the
 - SSA (Reds)
 - Homework || Self-study || Assignment || Project || Smart Revision
 - SSA (Amber)
 - Smart Review
 - SSA (Green)
 - Smart Actual Preparation
 - Following options will be available for selection:
 - Flash card
 - Mind Mapping
 - Study Poster
 - Study Notes
 - One page Note
 - Other Important Tasks
 - Meditation
 - Workout
 - Worship
 - Value Reading (with Book title and From/to Page number)
 - Stupid other tasks
 - Student will need to enter the duration instead of From-to time
 - Fun time
 - Options:
 - TV
 - Mobile
 - Outdoor Sports
 - Indoor games
 - Others
 - Sharing for the Day
- The DAP report will be scheduled for Daily submission.
- In a Monthly report, following will be displayed:
 - Duration of each category
 - Compare the same with cumulative duration
 - Chapters studied
 - Other important tasks
 - List of completed books and no. of pages

Annexure : IV

Smart Habit Tracker

- The offered Mobile App will provide the facility to capture and track Smart Habits performed by the student on specific day.
 - All 30 habits will be listed on the screen. The starting day would be different for each student (will be defined in Student's master).
 - Smart Habit Tracker will have the provision for Student's signature and Both Parent's signature.
 - The Smart Habit Tracker report will be scheduled for Weekly submission.
 - Monthly report will be available with cumulative data / count.
 - Give the respective message (to be defined) for 0%, upto 50% and >50%.

Magic Box Score (MBS)

- The offered Mobile App will provide the facility to enter the following details by the student for Magic Box Score. The student will have to select the respective Month.
 - Smart Habit Tracker Score (It will be calculated automatically based on the data entered by the student for Smart Habit Tracker.
 - Student will not be able to change this value.
 - Parents' score (out of 20) – Manual entry by Parent
 - Total Achieved score (Calculated)
 - Cumulative Score
 - The offered Mobile App will track the cumulative score for each student for the month and till date. The month's score will be carried forward to next month.
 - Remarks – Manual Entry
- The Magic Box Score report will be scheduled for Daily submission.

Annexure : V

Monthly Progress Report

- The offered Mobile App will provide the facility to enter the Monthly Celebrations which will be available in Monthly Progress Report. The Monthly Progress Report will include the following:
 - Celebrations of the month
 - Monthly Progress Card of previous month
- The score and chart for each student for all five major areas defined:
 - Smart Self-Assessment (The score will be automatically calculated based on the submission of data by student)
 - Mini Goal Tracker: (The score will be automatically calculated based on the submission of data by student)
 - Daily Action Plan: (The score will be automatically calculated based on the submission of data by student)
 - Smart Habit Tracker: (The score will be automatically calculated based on the submission of data by student)
 - Magic Box Score: The score will be calculated as Average of all four criteria mentioned above.
 - Administrator will have the opportunity to override the score.
 - Student Mentoring Schedule for the Month
 - The details will be entered manually by administrator in the Mobile App
 - The respective dates (for the specified day) will be generated automatically by the Mobile App
 - The report will show the score for last three months
 - The rank will be entered manually by the administrator
 - Parenting schedule will be entered manually by the administrator in the Mobile App
- App and same will be available in the Monthly Progress Report

100% Club

- The student will be a member of the 100% club based on the following criteria:
 - Score in MBS is > 80% and
 - Score in all remaining four activities is 100%
- The offered Mobile App will calculate the points earned by each student based on the following criteria:
 - Submission of DAP: 20 points
 - Submission of MGT and SSA: 100 points
 - Submission of Habit Tracker: 50% of Monthly score
- The points will be credited to student's account on the day of the scheduled submission / report.

Annexure : VI

Points

- The offered Mobile App will calculate the points earned by each student based on the following criteria:
 - Submission of DAP: 20 points
 - Submission of MGT and SSA: 100 points
 - Submission of Habit Tracker: 50% of Monthly score
- The points will be credited to student's account on the day of the scheduled submission / report.
 - Bonus points will be credited based on the following criteria:
 - 1500 points, if student is in 100% club for consecutive 3 months
 - 5000 points, if student is in 100% club for consecutive 6 months
 - 10000 points, if student is in 100% club for consecutive 12 months
 - 100 points per session attended by student (manual entry)
 - 500 points per parenting session attended by both parents (manual entry)
- Points redemption:
 - List of items that can be redeemed will be available against required points.
 - Student can redeem the points for the required item

Misc. Features

- Notification to Parents for approval
- Notification to Parents/student before 1 day and 1 hour
- Notification to parent on attendance

Add On SCOPE

(Would be executed when Miteshsir will tell)

- **Intutional Model (B2B White-labeling)**

- Institutional Dashboard
 - Real-time Student Performance Analytics
 - Institution-wide SSA, MGT, and DAP reports.
 - Comparative analysis across classes, sections, and subjects.
 - Mentor & Teacher Assignments
 - Assign teachers to students for personalized mentoring.
 - Define subject-wise faculty and access permissions.
 - Batch Management
 - Ability to create multiple student groups (by class, subject, performance)
 - Set default learning plans for each batch.
 - Custom Test & Exam Planner :
 - Institutions can upload internal assessments & exams.
 - Auto-scheduling for homework, quizzes, and assignments.
- Institution-Level Reports & Insights
 - Admin-Level Reports:
 - Institution-wide attendance, academic progress, and behavioral analytics.
 - Automated alerts for students falling behind in SSA & MGT.
 - Teacher Performance Analytics
 - Track student engagement under each teacher.
 - Data driven teaching effectiveness metrics.
 - Multi-User Management
 - Allows institutions to add mentors, teachers, and students.
- Custom Branding & Integrations
 - White-Labeled Solutions – Institutions can customize branding (logos, themes)
 - ERP & LMS Integration – APIs for seamless connection with existing software.

- **Data-Based Insights & Reports**

- Data-driven Student Progress Insights – Provides predictive analysis of learning outcomes.
- Performance Comparisons – Benchmarking students within institutions and overall.
- Parent Dashboard – Offers detailed performance summaries and improvement suggestions.

- **Communication & Engagement**

- Mentor-Student Secure Chat – Allows structured communication under monitored settings
- Live Q&A Sessions & Webinars – Optional video engagement features.
- Community Thread – Allows users to ask questions, posts and react.

**For any queries,
contact us.**

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techicom
a **digital** transformation company

