

**I genuinely request you to share visuals of the mobile application if possible, before starting of the work, for me Quality of the UI is most important, hope you don't mind it.**

**Where should we have AI Features in this application, please let us know**

**And Chat GPT options too How Student, Parents, Parents, and Mitesh Sir Can utilize it and What are the benefits to them, and cost of it.**

## **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 Stars

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 Stars**

Once login first they should see common areas (all students and parents) for

common discussion, Audio, Video, Youtube link, Social Media Link, Image, Blog, Written content can be shared by Mitesh Sir with the option of Only for student, Only for Parents or all Students & All Parents ( With Respect to particular Safal Dhyey Program ( Aspires, Achievers, Igniters), Mitesh sir Can also share Polls or Quiz in this common discussion area. Parents and Students ( as specified while posting) can respond to particular post in written, emojis, sharing with attachment options.

Leaderboard ( Safal Dhyey Program Wise) , Any Specific Achievement can be placed / shared by student and Mitesh sir will approve it, others can see and respond on that,

Birthday celebration or other celebration Pre loaded Message and Image should be trigger on the day of celebration i.e. Student or Parent's Birthday, Diwali, Guru Purnima, Children's Day, Teacher's Day, Mother's Day, Father's Day, Makar Sankranti, Janmastmi, Idd, Christmas, and others

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 Stars

Day streak rewards Stars

Mastery rewards Stars

League - Leader Board more Stars 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 Stars or coins

Value Reading (Book reading ) GOAL - Title, page number, Price, author etc also with completed

or pending, and direct link to DAP V.R, After Completing of the book Student must have option to share summary of the book or learning from the book.

Success Goal for the Year – Student can set yearly Goal on different criterias and can write in detail descriptions and at the end of month reminder to check and tick on Goals – Yet to start, Started, , Half way or Completed, or Dropped

## **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 Stars & Reemable Rewards

Leagues & Challenges:

Rankings by Performance: Gold, Silver, Bronze categories

Quarterly, Semi-Annual, Annual competitions

Bottom 3 student get demoted to a lower category **(Number of students for this criteria Can be set by Master Admin)**

Rewards:

Streak & Mastery Rewards

Bonus Stars:1500 pts for 3 months in 100% Club

5000 pts for 6 months

10000 pts for 12 months

Stars can be redeemed for rewards

Important Stars

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

category **(Number of students for this criteria Can be set by Master Admin)**

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 Style Test Check-In (2 to 3 minutes) 10 to 15 Questions

Personalized Parenting Insights & Action Steps

Parenting Progress Tracker (Visual Growth Chart)

Parent-Child Growth Agreement (Less Stress, More Harmony!) ( have to add Digital Device Agreement along with Study Expectation If required Format will be given by Mitesh Sir)

Parental Support Guide (To be uploaded in video/ Audio or text format by Mitesh sir whenever required )

- Parenting tip of the day ( Will be shared by Mitesh Sir when and where required)
- One message sent from Parent to Child when and where required ( List of messages will be shared by Mitesh Sir for upload parent can select from it or can write their own message too)
- Everyday Family Time Reminder / Notification ( Time setting can be done by Parents),
- Parent-Student Reflection Time (On every Saturday Reminder/ notification as set by them) to discuss progress positively.
- Cheer for Your Child Feature – Parents can send motivational voice notes through the app, when and where they wish to share.

Smart Parenting Reminders (Gentle, No Spam!) based on Parenting style

## **Student area**

Smart Study Affirmations (in flash card format)

**Next-Day Confidence Feature (5-Minute Self-Reflection Before Sleeping)**

**Answer 4 Quick Question:**

1. What did I learn today? (Helps recall key topics studied or any other learnings)
2. What can I improve tomorrow? (Encourages planning for better performance.)



3. One positive thing about my study progress. (Boosts confidence and motivation.)
4. Where did I waste time today? (Recognizes distractions like social media, gaming, TV.)

### **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**

Smart Study Affirmations (in flash card format)

Study Time Tracking (Subject-Wise & Chapter-Wise) AI insights help improve weak areas before exams

Pomodoro Study Break Cycles 45-15 , 50-10 & Customizable Timer

Background Study Music for better concentration.

Short 5-minute guided meditation before study sessions. (With or without Music)

### **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 Stars for Access**

Safal Dhyey Aspires Student & Parents

Safal Dhyey Achievers Student & Parents

Safal Dhyey Igniters Student & Parents

General Public ( Students and Parents)

Institute – Student, Parents & Institutes (Schools, Coaching Institute)

## **Annexure : I**

Admin Web CRM & API

Login Page

Dashboard

Masters Management

Safal Dhyey Aspires Class 4<sup>th</sup> to 6<sup>th</sup>

Safal Dhyey Achievers Class 7<sup>th</sup> to 12<sup>th</sup>

Safal Dhyey Igniters - College Students

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 and Birthday wishes via Notifications

**Event of the Month**

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 **and 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. And past reports and till date reports also available and can be seen or downloaded at any time

( Can we add From Date to To Date Options to generate any reports)

### **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 or Exam

Time of test or Exam

Type of Test: Test or Exam at School or Tuition/class etc.

Syllabus – Chapter Numbers (Can Student get these details in dropdown option from syllabus from the system)

Total Marks (TM) ( From Right Side 4<sup>th</sup> )

Goal for the test (From Left Side 3<sup>rd</sup>)

Smart Self-assessment After Exam (SSAE) (From Left Side 2<sup>nd</sup>) (Notification sent to the student on the day of exam after exam time over for submitting SSAE on the same day)

Achieved Marks (AM) (from Left Side 1<sup>st</sup> )

Remarks option ( where student can write their experience at the time of Submitting SSAE of the test/exam What went wrong or why it was super easy)

Progress student on the subject will be calculated based on the following criteria:

- Difference between SSAE & AM in Percentage & Marks Each Subject and for All Subject total too
- Difference between Goal & SSAE in Percentage & Marks Each Subject and for All Subject total too
- Average of SSAE / 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,

Audio Notes Recording,

Others ( On selection of others they should write activity)

### **Other Important Tasks**

Meditation

Workout

Worship

Value Reading (with Book title and From/to Page number)

### **Stupid other tasks ( We will change this heading)**

Student will need to enter the duration instead of From-to time

### **Fun time**

Options:

TV

Mobile

Outdoor Sports

Indoor games

Others - ( On selection of others they should write activity)

On above all activity there should be option to write down in selected category for example if student Plan for tomorrow to Use Mobile from 3 to 5 pm than student will also write down – Mobile Game – Free Fire)

### **My Sharing of the Day**

At the end of the Day Student will choose How was your day Stressful, Bad, good, Very good, Awesome, Super Awesome with emojis

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 **subject wise**

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 (**Submission button**) and Both

Parent's signature (**Approval button after reading all at last this option should available**) one of Parent's approval will be trigger to submit SHT to Mitesh Sir.

The Smart Habit Tracker report will be scheduled for ~~Weekly~~ **Daily** submission, **Weekly Submission** also sent to Mitesh Sir along with other weekly submissions.

Monthly report will be available with cumulative data / count.

Give the respective message **in monthly report** (to be defined) for 0%, upto 50% and >50%.

Magic Box Score (MBS) (**Will be done by Parent – One of the Parents**)

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 **every day (Mandatory)**

The Magic Box Score report will be scheduled for Daily submission.

**Main report will be generated in Monthly basis**

## **Annexure : V**

Monthly Progress Report

The offered Mobile App will provide the facility to enter the Monthly Celebrations (**Student and Parent will enter their birthday at the time of login and it will directly reflect here on particular day) other than Monthly Event or other celebration Mitesh Sir can enter manually**) which will be available in Monthly Progress Report. The Monthly Progress Report will include

the following:

Celebrations of the month

**Event 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 (As per system information)

& 1:1 Parenting Coaching Session (As per system information)

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 and same will be available in the Monthly Progress Report

#### 100% **Peak Performer Club - Where Students Reach the Top**

( All criteria can be changed by Master Admin – Mitesh Sir)

The student will be a member of the 100% club based on the following criteria:

Score in MBS is > 75% and 83.3% of Monthly Habit Tracker score

Score in all remaining 3 activities is 100%

~~(The offered Mobile App will calculate the Stars earned by each student based on the following criteria:~~

~~Submission of DAP: 20 Stars~~

~~Submission of MGT and SSA: 100 Stars~~

~~Submission of Habit Tracker: 83.3% of Monthly Habit Tracker score)~~

~~The Stars will be credited to the student's account on the day of the scheduled submission~~

~~/report. This is not relevant to this section~~

Annexure : VI

### **Stars**

The offered Mobile App will calculate the Stars earned by each student based on the following criteria on **Daily Submission before 9:30 pm Weekly (one day before their session) Submission – 9:30pm, if submissions submitted after this time points will be lost:**

Submission of DAP: 20 Stars **(Everyday)**

Submission of MGT and SSA: 100 Stars **(Weekly)**

Submission of Habit Tracker: **Number of Stars based on Habit score everyday**

The Stars will be credited to student's account on the day of the scheduled submission / report.

**Bonus Stars will be credited on the following criteria: (Mitesh sir can change Stars criteria at any point of time from his dashboard directly)**

1500 Stars, if student is in **Peak Performer Club** for consecutive 3 months

5000 Stars, if student is in **Peak Performer Club** for consecutive 6 months

10000 Stars, if student is in **Peak Performer Club** for consecutive 12 months

100 Stars per session attended by student **(Auto Generated from Application if student sign in on time as per schedule from application and Mitesh sir should have option to give manually) (On Reschedule, Preponed ,Postponed session Point will be lost )**

500 Stars per parenting session attended by both parents (manual entry)

### **Stars redemption:**

List of items that can be redeemed will be available against the required Stars.

Student can redeem the Stars for the required item

Different Types of League or Challenges and their ranking accordingly For

example Black, Red, Violet, Orange, Yellow, Blue, Green, Purple, Pink, Silver,

Gold etc. ( Mitesh Sir Can set and change league name and Criteria by self)

Category wise ranking and overall ranking with category colour

Bottom 1 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

### **Misc. Features**

Notification to Parents for approval

Notification to Parents/student before 1 day and 1 hour

Notification to parent on attendance

Notification to Parent if Child has not attended session after 15 minutes of the schedule time

Notification to Mitesh Sir on each student/ parents submissions

All detailed reports should have download and share to email or WhatsApp option

### **Add OnSCOPE (Included in contract will execute in next year)**

(Would be executed when Miteshsir will tell)

Intuitional Model (B2B White-labeling) & General Public ( Student & Parent) Features

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.