

# Module Name: Teacher Module

## 1. Problem Statement

Teachers often rely on multiple tools or manual processes to manage classes, mark attendance, enter grades, and communicate with parents. This leads to fragmented workflows, time loss, and inconsistent communication.

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## 2. Module Description

This module provides teachers with a centralized interface to manage their classes, access student profiles, record attendance, submit marks, share study materials, and communicate with parents. It streamlines daily classroom activities digitally.

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## 3. Users

Teachers

Admin (view only)

Principal (view only)

Parents/Students (view only)

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## 4. Features

Access class lists and detailed student profiles

Mark attendance and submit grades/marks

Share assignments, study materials, and notices

Request parent-teacher meetings

Send in-app messages or announcements to parents

View personal timetable and class schedules

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## 5. Inputs / Outputs

Inputs:

Attendance data

Marks/grades for students

Study materials, assignments, and notices

Messages or meeting requests

Attendance records

Updated student profiles with marks

Shared assignments or announcements

Communication logs with parents

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## 6. User Time & Workload

**Teachers:** Heavy daily usage → core module for classroom operations

**Admins/Principals:** Occasional monitoring

**Parents/Students:** Frequent viewing of updates and communications

→ Overall: **High-priority module** due to its role in teaching and parent interaction.

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