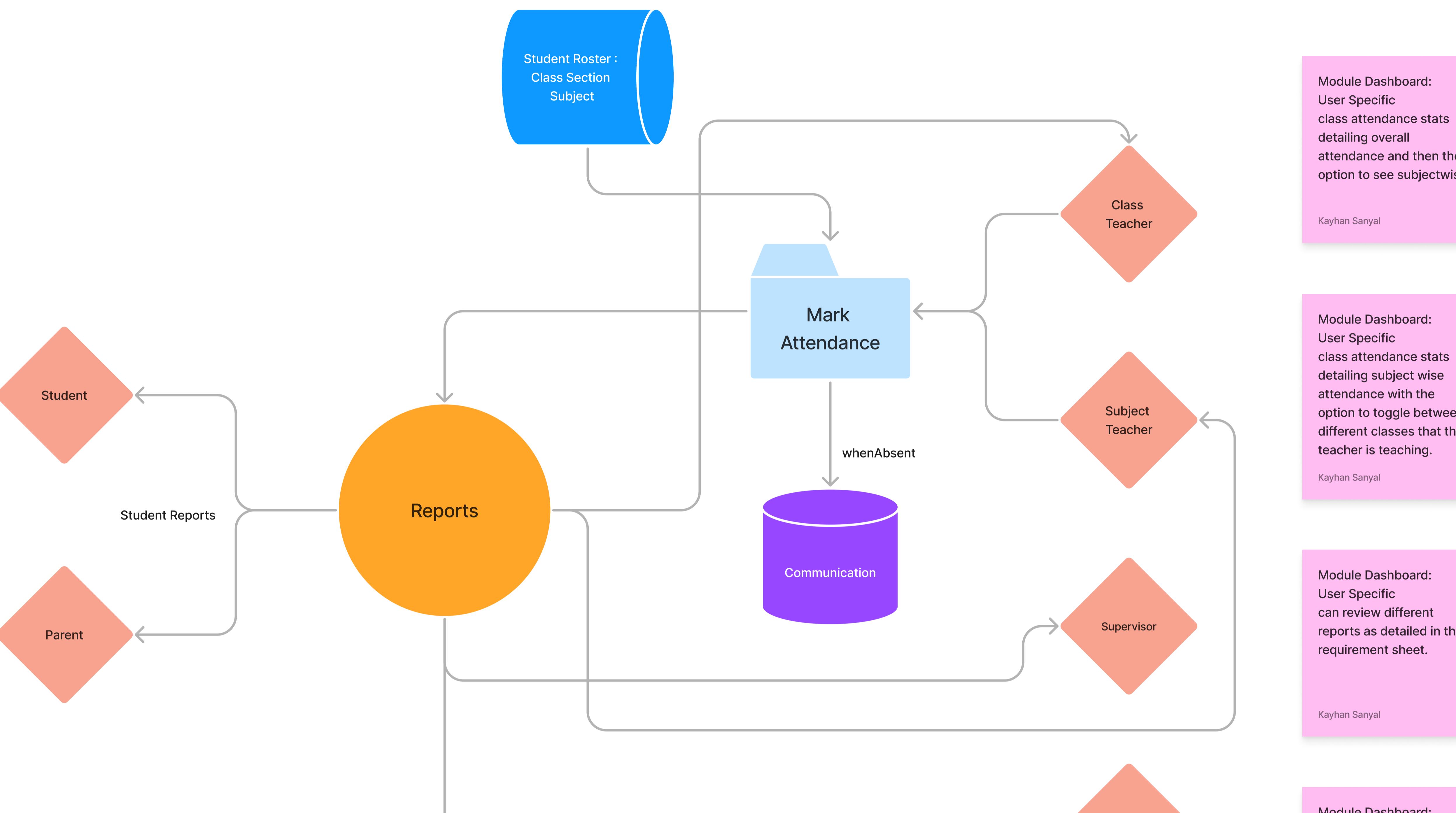
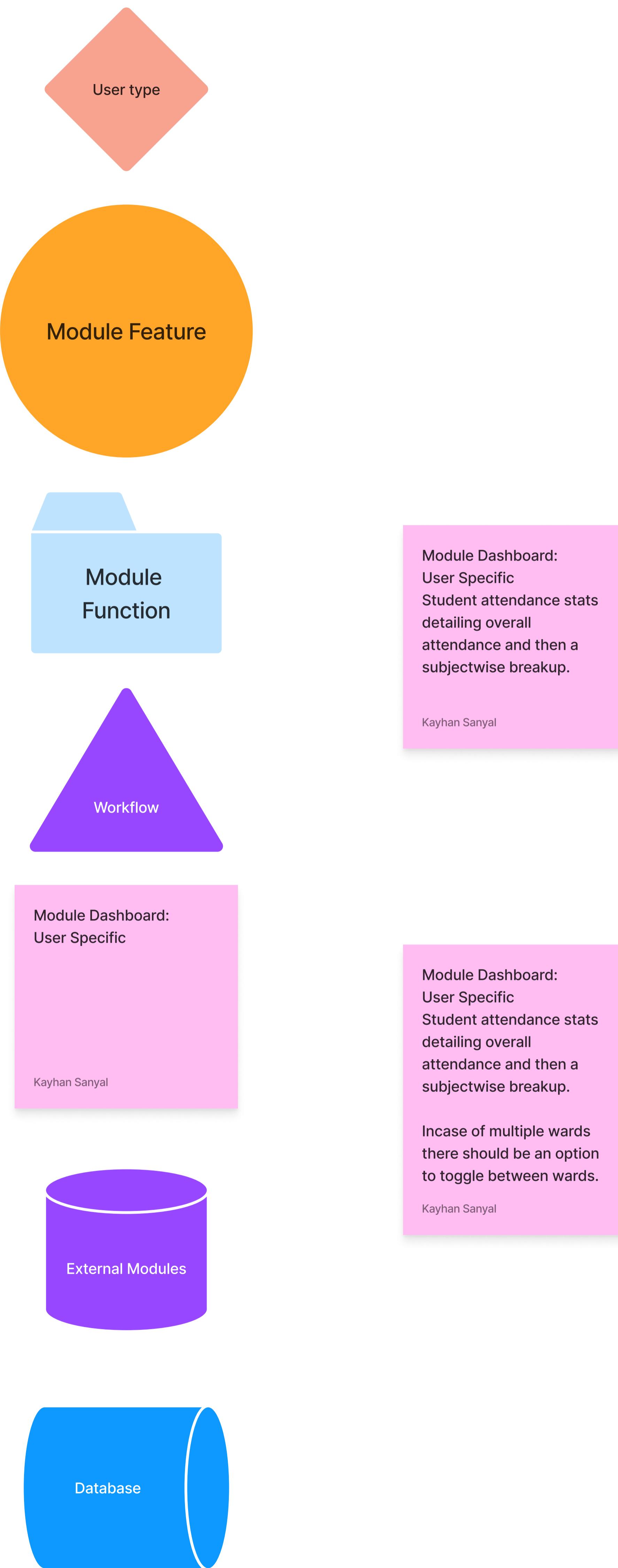


# High Level User Interaction (for Reference)

# Key



# Detailed UX Description

Module	User Type	Feature	Sub Feature	Functionality	Functionality Notes
Attendance	Student	Data Visuals	Toggle	Main Dashboard	user may see their attendance statistics and can toggle between different subjects that are assigned to them to see the statistics for each. Users are displayed their overall attendance for the month. While the link below displays the data points, a student will ONLY be able to see their own data <a href="https://drive.google.com/file/d/1yO62ZCefQGTQyYdnBVpFsKR0UwJkMPmw/view?usp=share_link">https://drive.google.com/file/d/1yO62ZCefQGTQyYdnBVpFsKR0UwJkMPmw/view?usp=share_link</a>
			Data		the following datapoints are available: Student Name, Student Gender, Student Class, Total Present/Total Working Days, %, Daywise Attendance
	Parent	Data Visuals	Toggle	Main Dashboard	user may see their attendance statistics and can toggle between different subjects that are assigned to them to see the statistics for each. Users are displayed their overall attendance for the month. While the link below displays the data points a parent will ONLY be able to see their own child's data <a href="https://drive.google.com/file/d/1yO62ZCefQGTQyYdnBVpFsKR0UwJkMPmw/view?usp=share_link">https://drive.google.com/file/d/1yO62ZCefQGTQyYdnBVpFsKR0UwJkMPmw/view?usp=share_link</a>
			Data		the following datapoints are available: Student Name, Student Gender, Student Class, Total Present/Total Working Days, %, Daywise Attendance
		Child Tabs	Toggle		user may shift from 1 child tab to the other and review attendance info for each child.
		Calendar	Expand		User can click on an event and see the details of the event.
		Event Attendance			Users can see their participation in school events.
	Teacher Level 3: Subject Teacher	Mark Attendance (Module Left nav under attendance)		Popup	Dropdown with all the Class and Sections the teacher teaches
			Absentee List		When a class is selected from the dropdown. the Absentee list of the class for the day is displayed in the top followed by the entire class list. Students names for the class is displayed with students in the absentee list marked as "Absent" by default and the Rest are marked 'present' as default.
			Submit	button	Teacher can review and submit.

Module	User Type	Feature	Sub Feature	Functionality	Functionality Notes
Teacher Level 2: Class Teacher		Data Visuals	Toggle	Module Landing	user may see the attendance statistics for the different classes that are assigned to them - they see statistics for each. Users are displayed overall attendance for the month AND attendance of their subject. The link below displays the overall attendance - we will need to add the subject attendance to this. <a href="https://drive.google.com/file/d/1yO62ZCefQGTQyYdnBVpFsKRoUwJkMPmw/view?usp=share_link">https://drive.google.com/file/d/1yO62ZCefQGTQyYdnBVpFsKRoUwJkMPmw/view?usp=share_link</a>
		Mark Attendance (Module Left nav under attendance)		Popup	Student list of the class. all student attendance is "Present" as default. Teacher may change student to Absent.
		Submit	button		Teacher can Submit attendance
		Data Visuals	Toggle	Module Landing	user may see the attendance statistics for her class and attendance of the different subjects of her class - they see statistics for each. Users are displayed overall attendance for the month AND attendance of their subject. The link below displays the overall attendance - we will need to add the subject attendance to this. <a href="https://drive.google.com/file/d/1yO62ZCefQGTQyYdnBVpFsKRoUwJkMPmw/view?usp=share_link">https://drive.google.com/file/d/1yO62ZCefQGTQyYdnBVpFsKRoUwJkMPmw/view?usp=share_link</a>
		Data Visuals	Toggle	Module Landing	user may see the attendance statistics for the whole school. They can then review subject level statistics toggled by grade and further filtered by section.
		Download	Filter		All attendance Stats at the Grade Level, Section Level, Student Level

Module	User Type	Feature	Sub Feature	Functionality	Functionality Notes
Attendance	Teacher Level 1: Supervisor			Export	download attendance reports Report Types  Montly Attendance Report (Classwise): <a href="https://drive.google.com/file/d/1yO62ZCefQGTQyYdnBVpFsKR0UwJkMPmw/view?usp=share_link">https://drive.google.com/file/d/1yO62ZCefQGTQyYdnBVpFsKR0UwJkMPmw/view?usp=share_link</a>  Daily Absentee List (Whole School): <a href="https://drive.google.com/file/d/1yO62ZCefQGTQyYdnBVpFsKR0UwJkMPmw/view?usp=share_link">https://drive.google.com/file/d/1yO62ZCefQGTQyYdnBVpFsKR0UwJkMPmw/view?usp=share_link</a>  Yearly Attendance Report (Classwise): <a href="https://drive.google.com/file/d/19gLr33m0KnJeqL7cGXXDgIWvHL1qz-Oi/view?usp=share_link">https://drive.google.com/file/d/19gLr33m0KnJeqL7cGXXDgIWvHL1qz-Oi/view?usp=share_link</a>  Yearly Attendance Report (Whole School): Collated report of above.  % Attendance Report: <a href="https://drive.google.com/file/d/1gwZLle-JNBVS7aDYz2na8tz9KWe4kWOu/view?usp=share_link">https://drive.google.com/file/d/1gwZLle-JNBVS7aDYz2na8tz9KWe4kWOu/view?usp=share_link</a>
					<a href="https://drive.google.com/file/d/1ABDWvcinxIMR28AHb58MEby-Ay4kEoGf/view?usp=share_link">https://drive.google.com/file/d/1ABDWvcinxIMR28AHb58MEby-Ay4kEoGf/view?usp=share_link</a>
					User can export the parent participation report by putting in start date and end date. if even 1 parent attends the event it show up as P otherwise A
		Data Visuals	Toggle	Module Landing	user may see the attendance statistics for the whole school. They can then review subject level statistics toggled by grade and further filtered by section.
					All attendance Stats at the Grade Level, Section Level, Student Level

Module	User Type	Feature	Sub Feature	Functionality	Functionality Notes
Attendance	Director			Export	download attendance reports Report Types  Montly Attendance Report (Classwise): <a href="https://drive.google.com/file/d/1yO62ZCefQGTQyYdnBVpFsKR0UwJkMPmw/view?usp=share_link">https://drive.google.com/file/d/1yO62ZCefQGTQyYdnBVpFsKR0UwJkMPmw/view?usp=share_link</a>  Daily Absentee List (Whole School): <a href="https://drive.google.com/file/d/1yO62ZCefQGTQyYdnBVpFsKR0UwJkMPmw/view?usp=share_link">https://drive.google.com/file/d/1yO62ZCefQGTQyYdnBVpFsKR0UwJkMPmw/view?usp=share_link</a>  Yearly Attendance Report (Classwise): <a href="https://drive.google.com/file/d/19gLr33m0KnJeqL7cGXXDgIWvHL1qz-Oi/view?usp=share_link">https://drive.google.com/file/d/19gLr33m0KnJeqL7cGXXDgIWvHL1qz-Oi/view?usp=share_link</a>  Yearly Attendance Report (Whole School): Collated report of above.  % Attendance Report: <a href="https://drive.google.com/file/d/1gwZLle-JNBVS7aDYz2na8tz9KWe4kWOu/view?usp=share_link">https://drive.google.com/file/d/1gwZLle-JNBVS7aDYz2na8tz9KWe4kWOu/view?usp=share_link</a>
					<a href="https://drive.google.com/file/d/1ABDWvcinxIMR28AHb58MEby-Ay4kEoGf/view?usp=share_link">https://drive.google.com/file/d/1ABDWvcinxIMR28AHb58MEby-Ay4kEoGf/view?usp=share_link</a>
					User can export the parent participation report by putting in start date and end date. if even 1 parent attends the event it show up as P otherwise A
	Parent	Data Visuals	Toggle	Module Landing	user may see the attendance statistics for the whole school. They can then review subject level statistics toggled by grade and further filtered by section.
					All attendance Stats at the Grade Level, Section Level, Student Level

Module	User Type	Feature	Sub Feature	Functionality	Functionality Notes
Attendance	Super Admin			Export	download attendance reports Report Types  Monthly Attendance Report (Classwise): <a href="https://drive.google.com/file/d/1yO62ZCefQGTQyYdnBVpFsKRoUwJkMPmw/view?usp=share_link">https://drive.google.com/file/d/1yO62ZCefQGTQyYdnBVpFsKRoUwJkMPmw/view?usp=share_link</a>  Daily Absentee List (Whole School): <a href="https://drive.google.com/file/d/1yO62ZCefQGTQyYdnBVpFsKRoUwJkMPmw/view?usp=share_link">https://drive.google.com/file/d/1yO62ZCefQGTQyYdnBVpFsKRoUwJkMPmw/view?usp=share_link</a>  Yearly Attendance Report (Classwise): <a href="https://drive.google.com/file/d/19gLr33m0KnJeql7cGXXDgIWvHL1qz-Oi/view?usp=share_link">https://drive.google.com/file/d/19gLr33m0KnJeql7cGXXDgIWvHL1qz-Oi/view?usp=share_link</a>  Yearly Attendance Report (Whole School): Collated report of above.  % Attendance Report: <a href="https://drive.google.com/file/d/1gwZLle-JNBVS7aDYz2na8tz9KWe4kWOu/view?usp=share_link">https://drive.google.com/file/d/1gwZLle-JNBVS7aDYz2na8tz9KWe4kWOu/view?usp=share_link</a>
					<a href="https://drive.google.com/file/d/1ABDWvcinxMR28AHb58MEby-Ay4kEoGf/view?usp=share_link">https://drive.google.com/file/d/1ABDWvcinxMR28AHb58MEby-Ay4kEoGf/view?usp=share_link</a>
					User can export the parent participation report by putting in start date and end date. if even 1 parent attends the event it show up as P otherwise A

# **Detailed Requirements for Development**

Module	Features	Sub-Features	Requirement Number	Details	User Type	Stakeholder	Link
Attendance	Record Keeping		7.1	The user selects "Mark Attendance" and from the drop down she can select a class from the list of classes.	Internal	- Level 2 Teacher: Class Teacher - Level 3 Teacher: Subject Teacher	All the attendance reports are provided in this link: <a href="https://drive.google.com/drive/folders/1H7FelHDoSD5g39GxUFl4g58Kl2ovgSI?usp=share_link">https://drive.google.com/drive/folders/1H7FelHDoSD5g39GxUFl4g58Kl2ovgSI?usp=share_link</a>
			7.2	The list of classes should show up based on the teacher profile selected (i.e: Subject Teacher with details of grade/section she is teaching or Class Teacher with details of the class she is a class teacher of)	Internal	- Level 2 Teacher: Class Teacher - Level 3 Teacher: Subject Teacher	
			7.3	Once she selects a class all the students in that class are displayed and the attendance is marked present by default. She can click the absent button for students that are not present and submit the attendance.	Internal	- Level 2 Teacher: Class Teacher - Level 3 Teacher: Subject Teacher	
			7.3.a	Class attendance is taken by class teachers 2 times in the day - morning attendance and afternoon attendance.	Internal	- Level 2 Teacher: Class Teacher	
			7.3.b	Subject Attendance is taken by each subject teachers. It imports the data from the class attendance of the day and displays absentee list of the class for that day.	Internal	- Level 2 Teacher: Class Teacher - Level 3 Teacher: Subject Teacher	
			7.3.c	Class teacher receives a notification if there is any change between the subject attendance and class attendance of the day.	Internal	- Level 2 Teacher: Class Teacher	
Notification			7.4	On selecting "Submit" - A text message and email is sent to the registered number of the parents of the students who are absent in the class.	External	- Parents	
Reporting			7.5	The "Attendance Register" includes details about the daily attendance of students in a class. The default format (attached) is monthly but users may filter to see daily attendance too.		- Level 1 Teacher: Supervisor - Level 2 Teacher: Class Teacher - Level 3 Teacher: Subject Teacher - Level 1 Administration: Office	<a href="https://drive.google.com/file/d/1yO62ZCefQGTQyYdnBVpFsKRoUwJkMPmw/view?usp=share_link">https://drive.google.com/file/d/1yO62ZCefQGTQyYdnBVpFsKRoUwJkMPmw/view?usp=share_link</a>
			7.6	The attendance register of individual students should be updated.	External	- Student - Parents	
			7.7	Various reports should be generated which include the following			
			7.7.a	STUDENT ATTENDANCE PERCENTAGE REPORT (Default should be class but users may change class or select whole school)	Internal	- Level 1 Teacher: Supervisor - Level 2 Teacher: Class Teacher - Level 3 Teacher: Subject Teacher - Level 1 Administration: Office	<a href="https://drive.google.com/file/d/1qwZLle-JNBVS7aDYz2na8tz9KWe4kWOu/view?usp=share_link">https://drive.google.com/file/d/1qwZLle-JNBVS7aDYz2na8tz9KWe4kWOu/view?usp=share_link</a>
			7.7.b	Student Attendance History that is accessible from an individual Student Profile	Internal	- Level 1 Teacher: Supervisor - Level 2 Teacher: Class Teacher - Level 3 Teacher: Subject Teacher - Level 1 Administration: Office	<a href="https://drive.google.com/file/d/1FLIVGyuHdioldm_Zn2c7DV1KI8QKvuyu/view?usp=share_link">https://drive.google.com/file/d/1FLIVGyuHdioldm_Zn2c7DV1KI8QKvuyu/view?usp=share_link</a>
			7.7.c	Academic Session Attendance Report - Individual	Internal	- Level 1 Teacher: Supervisor - Level 2 Teacher: Class Teacher - Level 3 Teacher: Subject Teacher - Level 1 Administration: Office	<a href="https://drive.google.com/file/d/1VN13vObWfixrREEFWzXCUmqxJCt3a9Wa/view?usp=share_link">https://drive.google.com/file/d/1VN13vObWfixrREEFWzXCUmqxJCt3a9Wa/view?usp=share_link</a>

			7.7.d	School Absentee record for any day (this should details the list of absentees but one could also filter to see subject related information)	Internal	- Level 1 Teacher: Supervisor - Level 2 Teacher: Class Teacher - Level 3 Teacher: Subject Teacher - Level 1 Administration: Office	<a href="https://drive.google.com/file/d/14wXUOMLMmN8uwm8UJf5i_S3T3NTJw3Sa/view?usp=share_link">https://drive.google.com/file/d/14wXUOMLMmN8uwm8UJf5i_S3T3NTJw3Sa/view?usp=share_link</a>
			7.7.e	Academic Session Attendance Report - Whole Class	Internal	- Level 1 Teacher: Supervisor - Level 2 Teacher: Class Teacher - Level 3 Teacher: Subject Teacher - Level 1 Administration: Office	<a href="https://drive.google.com/file/d/19gLr33m0KnJeqL7cGXXDgIWvHL1qz-Oi/view?usp=share_link">https://drive.google.com/file/d/19gLr33m0KnJeqL7cGXXDgIWvHL1qz-Oi/view?usp=share_link</a>
	Dashboard		7.8	The attendance of individual students should be visible in their dashboard.	External	- Student - Parents	
			7.9	Subject teachers should be able to see who is absent on a particular day on their dashboard.	Internal	- Level 3 Teacher: Subject Teacher	
	Report Generator		7.10	Digital attendance registers can allow admin users to generate reports required for CBSE or In-house in any format. Users should be able to select the fields to include in the report and then export the file in PDF or excel.	Internal	- Level 1 Administration: Office	
	Events Attendance		7.11	Users should be able to create an internal event.	Internal	- Level 1 Administration: Office	
			7.12	Users should be able to mark attendance of parents to the internal event.	Internal	- Level 1 Administration: Office	<a href="https://drive.google.com/file/d/1ABDWvcinxIMR28AHb58MEby-Ay4kEoGf/view?usp=share_link">https://drive.google.com/file/d/1ABDWvcinxIMR28AHb58MEby-Ay4kEoGf/view?usp=share_link</a>
			7.13	They should see the list of students in a class and a drop down with the parent info - Parent 1, Parent 2, or both	Internal	- Level 1 Administration: Office	