

# SCHOOL ERP – MODULE FLOW DOCUMENT

Module-wise functional flows (action → result) as provided.

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## 1. School Management (Module)

Add new school → New school added in school list with Edit and Reset Roles & Permission action buttons

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## 2. Blogs (Module)

### ***Publish Blog (Sub Module)***

Add new media → New media shows in media gallery with action buttons

### ***View Blog (Sub Module)***

All published blogs are visible

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## 3. Notice (Module)

### ***Publish Notice (Sub Module)***

Create Notice → Notice visible in list with action buttons

### ***View Notice (Sub Module)***

All created notices are visible

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## 4. Academics (Module)

### ***Session (Sub Module)***

Add session → Session visible in session list with action button

### ***Subject (Sub Module)***

Add subject → Subject visible in subject list with action button

### ***Class (Sub Module)***

Add class and select subject(s) under the class → Class visible in class list with action buttons

### ***Section (Sub Module)***

Add section under particular class → Section visible in section list (for that class) with action buttons

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## **5. Learning Management (Module)**

### ***Personal Diary (Sub Module)***

Add new entry → New entry visible in My Entries with action buttons

### ***Academic Calendar (Sub Module)***

Add Event with event type for a particular date → Event shows on that date in the calendar

### ***Syllabus (Sub Module)***

Select class → Add chapter under a particular exam → Chapter shows under that exam and subject

### ***Syllabus View (Sub Module)***

Select filter → Check syllabus for the selected filter

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## **6. Lesson Plan (Module)**

### ***Manage Lesson Plan (Sub Module)***

Create Lesson Plan on a particular date → Lesson plan visible on that date in calendar

### ***View Lesson Plan (Sub Module)***

Select class & section → Lesson visible on a particular date in calendar

### ***Teacher Lesson Plan (Sub Module)***

Select teacher → Check lesson plans for that teacher

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## **7. Time Table (Module)**

### ***Time Table (Sub Module)***

Select Class & Section → Check timetable and edit added periods

Select Class & Section → Configure periods for the class and section

### ***View Time Table (Sub Module)***

Select Class & Section → View timetable for selected class and section

### ***Teacher Time Table (Sub Module)***

Select Teacher → Check timetable for the teacher with lesson plan

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## **8. Admission (Module)**

### ***Admission Form (Sub Module)***

Create new admission form → Process the created admission

### ***Admission (Sub Module)***

Add new student via admission form → Redirect to admission form page

### ***Enroll Student (Sub Module)***

Enrolled → All enrolled students

Unenrolled → All unenrolled students

### ***Subject Assign (Sub Module)***

Select Class & Section → For Unassigned student → Assign subject(s) to unassigned student

Select Class & Section → For Assigned student → Edit/Update assigned subjects

### ***Promote Student (Sub Module)***

Select current session/class/section → Select student → Choose target session/class/section → Promote student

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## **9. Transport Management (Module)**

### ***Pick up point (Sub Module)***

Add pick up point with lat/long → Pick up point available in list

### ***Transport Route (Sub Module)***

Add transport route → Transport route available in list

### ***Vehicles (Sub Module)***

Add vehicles → Vehicle available in list

### ***Assign Vehicles (Sub Module)***

Assign vehicles for a route → Select route → Select vehicles

### ***Route Pick up points (Sub Module)***

Add route pick up points (select route + pick up points) → Entries visible in list

### ***Student pick up (Sub Module)***

Select class/section/student → Add Assignment → Select route, pick up point, vehicle → Assignment visible in list

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## **10. Vendor Management (Module)**

### ***Vendor (Sub Module)***

Create vendor → Vendor visible in vendor list

### ***Unit (Sub Module)***

Create unit → Unit visible in unit list

### ***Category (Sub Module)***

Create category → Category visible in category list

### ***Item (Sub Module)***

Create item (select category + unit) → Item visible in item list

### ***Requisition (Sub Module)***

Add requisition (select item + vendor) → Requisition visible in requisition list

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## **11. Hostel Management (Module)**

### ***Hostels (Sub Module)***

Add hostel → Hostel visible in hostel list

### ***Room type (Sub Module)***

Add room type → Room type visible in list

### ***Rooms (Sub Module)***

Add room (select hostel + room type) → Room visible in room list

### ***Allocation (Sub Module)***

Add allocation (select student + hostel + room) → Allocation visible in allocation list

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## **12. Dress Inventory (Module)**

### ***Dress Vendor (Sub Module)***

Add dress vendor → Vendor visible in list

### ***Dress Item (Sub Module)***

Add dress item for class → Item visible in list

### ***Dress Set (Sub Module)***

Add dress set for class → Set visible in list

### ***Requisition (Sub Module)***

Add requisition → Requisition visible in list

### ***Stock Management (Sub Module)***

Vendor stock list is visible

### ***Dress Sale (Sub Module)***

Add dress sale (class, student, dress item) → Sale visible in sale record list

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## **13. Event Management (Module)**

Add event → Event visible in event list

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## **14. Inventory Management (Module)**

### ***Inventory Unit (Sub Module)***

Add inventory unit → Unit visible in list

### ***Inventory Category (Sub Module)***

Add inventory category → Category visible in list

### ***Inventory Store (Sub Module)***

Add inventory store → Store visible in list

### ***Inventory Supplier (Sub Module)***

Add inventory supplier → Supplier visible in list

### ***Inventory Item (Sub Module)***

Add inventory item (select category + unit) → Item visible in list

### ***Inventory Receive Item (Sub Module)***

Add receive item (item, store, supplier) → Receive request visible in list

### ***Inventory Transactions (Sub Module)***

Issue item (store, item, issued to) → Issued item visible in issued/returned list

Issued item visible in issued/returned list → Return items

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## **15. Library Management (Module)**

### ***Library Books (Sub Module)***

Add book → Book visible in library book list

### ***Library Book Stock (Sub Module)***

Select book → Add stock → Stock increased for that book

### ***Library Card (Sub Module)***

Add card (select card holder) → Card visible in list

### ***Book Management (Sub Module)***

View student book details → Select book → Issue book

### ***Book Request (Sub Module)***

All book requests → Approve or reject request

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## **16. Expense (Module)**

### ***Expense Head (Sub Module)***

Add expense head → Expense head visible in list

### ***Expense (Sub Module)***

Add expense (select expense head) → Expense visible in record list

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## **17. Income (Module)**

### ***Income Head (Sub Module)***

Add income head → Income head visible in list

### ***Income (Sub Module)***

Add income (select income head) → Income visible in record list

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## **18. Leave (Module)**

### ***Leave Type (Sub Module)***

Add leave type → Leave type visible in list

### ***Assign Leave (Sub Module)***

Select employee → Assign leave type → Assigned leave type visible for employee

### ***Apply Leave (Sub Module)***

Select leave type → Submit application → Leave applications visible in list

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# EXAM MODULE FLOWCHART

## **Overall Exam Module Flow**

User (Admin / Teacher) ↓ Exam Management ↓ Exam Schedule ↓ Create Result ↓ View Result ↓  
Report Card Generation

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## **A. Exam Management – Work Flow**

Exam Management → Select Class → Edit Exam details → Update Exam → Routine → Click on  
Routine → Fill Subject-wise Routine Form → Click Add Schedule → Delete Routine Subject

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## **B. Exam Schedule – Work Flow**

Exam Schedule → Select Class → Select Exam → Search (Optional) → Display Exam Schedule

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## **C. Create Result – Work Flow**

Create Result → Enter mandatory details → Submit Result → (Reset Marks / Success Confirmation)

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## **D. View Result – Work Flow**

View Result → Select Class → Select Section → Select Exam → Select Student → Display Student  
Result

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## **E. Report Card – Work Flow**

Report Card → Select Class → Select Section → Generate → Download  
After Edit Result: Edit Result → Select Section → Regenerate → Download

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# BOOK INVENTORY FLOWCHART

## ***Overall Book Inventory Flow***

Super Admin / Admin ↓ Book Publisher Management ↓ Book Item Management ↓ Book List Assignment (Session-wise) ↓ Book Set Creation ↓ Book Set Details/Update ↓ Requisition ↓ Stock Management ↓ Book Sale ↓ Publisher Payment

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## **A. Book Publisher – Work Flow**

### ***Add / Save Publisher***

Book Publisher → Enter (Name, Phone, Email, GSTIN, Address) → Save → Publisher Saved

### ***Update Publisher***

Publisher List → Edit → Update fields → Save → Publisher Updated

### ***View Publisher List***

Book Publisher Page → Search → View records

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## **B. Book Item – Work Flow**

### ***Add New Book Item***

Book Item → Add Book Item → Enter details → Save → Book Item Created

### ***Edit Book Item***

Book Item List → Edit → Modify → Update → Book Updated

### ***Book Item List***

Book Item Page → Filter (Class/Subject/Type) → Search (Name/SKU) → View records + status

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## **C. Book List – Work Flow (Session-wise)**

### ***Add Book to List***

Book List → Add Book → Select (Type/Session/Class/Book) → Save → Assigned

### ***Update Book List Entry***

Book List Records → Edit → Modify → Update → Updated

## ***Records***

Book List Page → Filter by Class → Search → View records

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## **D. Book Set – Flow**

### ***Create Book Set***

Book Set → Add Book Set → Enter (Set name, Class, Description) → Add books + qty → Subtotal/Total  
→ Save → Created

### ***Edit / View***

Book Set List → Edit → Update → Saved

Book Set List → View → Details displayed

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## **E. Requisition / Stock / Sale / Payment**

### ***Requisition***

Requisition → New → Select set + qty → Notes → Save → Generated → Stock Increased

### ***Stock Management***

Stock Management → View summary → Low stock/out of stock checks

### ***Book Sale***

Book Sale → New → Select student → Add items + qty + discount → Create → Stock Reduced

### ***Publisher Payment***

Publisher Payment → Select publisher → View invoice → Update payment → Status Paid/Due

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# VENDOR MANAGEMENT FLOWCHART

## ***Overall Vendor Management Flow***

Vendor ↓ Unit ↓ Category ↓ Item ↓ Requisition ↓ Vendor Payment ↓ Status Management

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## **A. Vendor / Unit / Category / Item – Flow**

### ***Vendor***

Vendor → Enter details → Save → Created (Active)

Vendor List → Edit → Update → Updated

Vendor List → Status Toggle → Active ↔ Inactive

Vendor List → Delete → Confirm → Removed

### ***Unit***

Unit → Enter (Name, Code) → Save → Created

Unit List → Edit/Update

Unit List → Status Toggle

### ***Category***

Category → Enter name/description → Save → Created

Category List → Edit/Update

Category List → Status Toggle

### ***Item***

Item → Enter name + select category/unit + SKU → Save → Created

Item List → Edit/Update

Item List → Status Toggle

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## **B. Requisition – Work Flow**

Requisition → Add New → Select item + vendor → Enter qty/price → Total auto calculated → Upload quotation → Create → Status=Created

Requisition List → Approve → Status=Approved

Requisition List → Receive → Status=Received → Stock Increased

Requisition List → Cancel → Status=Cancelled

Requisition List → Payment → Enter date/mode/amount → Save → Due updated

Requisition List → View → Details displayed



# PAYROLL FLOWCHART

## **Overall Payroll Flow**

Create Payroll Head ↓ Configure Employee Payroll ↓ Generate Monthly Salary ↓ Calculate Earnings & Deductions ↓ Finalize Salary ↓ Generate Salary Record ↓ Update Payment Status ↓ Payroll Completed

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## **A. Payroll Head**

Payroll Head → Enter head name/value → Select (Earning/Deduction) → Save → Listed

Payroll Head List → Edit → Modify → Update → Updated

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## **B. Employee Payroll**

Employee Payroll → View roster + status → Salary → Generate Salary

Employee Payroll → New Payroll Entry → Select employee → Enter (CTC, Basic %, Start date) → Add → Configured

Employee Payroll → Details → View salary details

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## **C. Generated Salary**

Generate Salary → Select employee → Select month/year → Enter attendance

Earning Heads → Select head → Value (%) → Add → Earnings calculated

Deduction Heads → Select head → Value (%) → Add → Deductions calculated

Recalculate → Verify summary → Generate → Salary record created

Generated Salary → Filters (Dept/Employee/Month/Year) → Apply → Records displayed

Payment Status: Pending → Paid / Cancelled

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