

# Learnify Pages: Theoretical Workflow

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# 1 Overview

This document outlines the theoretical user workflows for the Learnify platform's pages in `src/pages/extra-pages` (admin, teacher, student), focusing on the functionality and flow of each page. It is designed for creating diagrams (e.g., flowcharts, UI wireframes) to visualize user interactions for Admin, Teacher, and Student roles, without referencing technical details like APIs or databases. The workflows align with the provided page structure and the platform's educational goals.

## 2 Admin Panel Pages

The Admin Panel (`src/pages/extra-pages/admin`) enables platform-wide management through the following pages.

### 2.1 AdminDashboard.js

**Purpose:** Acts as the central hub for admins to monitor platform activity.

**Workflow:**

- Admin logs in and lands on the dashboard.
- Views summary cards showing counts of teachers, students, and courses.
- Checks recent activities (e.g., new user sign-ups, course updates).
- Reviews notifications (e.g., pending teacher approvals).
- Navigates to other admin pages (e.g., Teacher Management, Settings).

**Diagram Notes:**

- Show cards for stats (teachers, students, courses).
- Include a list for recent activities.
- Add notification badges with navigation links.
- Display a menu for page navigation.

### 2.2 Reports.js

**Purpose:** Provides detailed analytics on platform performance.

**Workflow:**

- Admin selects a report type (e.g., student progress, teacher activity).
- Views charts or tables summarizing performance (e.g., assignment completion rates).
- Filters data by time period or user group.
- Returns to dashboard or navigates to other pages.

**Diagram Notes:**

- Include a dropdown for selecting report types.
- Show charts (bar or pie) for analytics.
- Add filter buttons or dropdowns.
- Display a table for detailed data.

## 2.3 Settings.js

**Purpose:** Manages platform-wide settings.

**Workflow:**

- Admin views a form with current settings (e.g., notification preferences, payment options).
- Edits settings (e.g., chooses email notifications).
- Submits changes and sees a confirmation message.
- Navigates back to the dashboard.

**Diagram Notes:**

- Show a form with text fields and dropdowns.
- Include a submit button.
- Add a confirmation popup or notification.

## 2.4 TeacherManagement.js

**Purpose:** Manages teacher accounts and their status.

**Workflow:**

- Admin views a table of teachers (name, email, phone, address, qualifications, status, courses).
- Clicks to approve or reject a teacher, confirming via a popup.
- Opens a form to add a new teacher, enters details, and submits.
- Sees success or error notifications.
- Navigates to other admin pages.

**Diagram Notes:**

- Show a table with teacher details.
- Include buttons for approve/reject actions.
- Add a modal for action confirmation.
- Display a form for adding new teachers.
- Show a notification popup.

## 2.5 UserManagement.js

**Purpose:** Manages all user accounts (teachers and students).

**Workflow:**

- Admin views a table of users (name, email, role, status).
- Clicks to approve, reject, deactivate, or delete a user, confirming via a popup.
- Opens a form to add a new student, enters details, and submits.
- Sees success or error notifications.
- Navigates to other admin pages.

**Diagram Notes:**

- Show a table with user details.
- Include buttons for approve, reject, deactivate, delete actions.
- Add a modal for action confirmation.
- Display a form for adding new students.
- Show a notification popup.

## 3 Teacher Panel Pages

The Teacher Panel (`src/pages/extra-pages/teacher`) focuses on course and student management.

### 3.1 TeacherDashboard.js

**Purpose:** Provides an overview of the teacher's courses and activities.

**Workflow:**

- Teacher logs in and lands on the dashboard.
- Views cards with stats (e.g., number of courses, enrolled students, pending assignments).
- Checks upcoming assignments and notifications (e.g., student submissions).
- Navigates to other teacher pages (e.g., Course Management, Assessment).

**Diagram Notes:**

- Show cards for stats (courses, students, assignments).
- Include a list for upcoming assignments and notifications.
- Display a navigation menu.

### 3.2 CourseManagement.js

**Purpose:** Manages creation and maintenance of courses.

**Workflow:**

- Teacher views a list of their courses (title, description, student count).
- Opens a form to create or edit a course, enters details, and submits.
- Adds or removes students from a course.
- Uploads course materials (e.g., PDFs, videos).
- Sees success or error notifications.
- Navigates to other teacher pages.

**Diagram Notes:**

- Show a table or card list for courses.
- Include forms for creating/editing courses.
- Add buttons for managing enrollments and uploading materials.
- Show a notification popup.

### 3.3 TeacherAssessmentGrading.js

**Purpose:** Manages creation and grading of assignments and quizzes.

**Workflow:**

- Teacher selects a course from a dropdown.
- Opens a form to create an assignment or quiz, enters details (e.g., name, due date, questions), and submits.
- Views a list of submitted assignments, enters grades and feedback, and submits.
- Sees success or error notifications.
- Navigates to other teacher pages.

**Diagram Notes:**

- Show a dropdown for course selection.
- Include forms for creating assignments/quizzes.
- Display a list with grading forms for submissions.
- Add a notification popup.

### 3.4 TeacherProgressTracking.js

**Purpose:** Tracks student progress in courses.

**Workflow:**

- Teacher views a table or chart of student progress (e.g., completion percentage).
- Selects a student to view detailed progress (e.g., completed assignments).
- Identifies students needing support.
- Navigates to other teacher pages.

**Diagram Notes:**

- Show a table or chart for progress.
- Include a clickable student list for details.
- Highlight at-risk students.

### **3.5 TeacherCommunication.js**

**Purpose:** Facilitates interaction with students.

**Workflow:**

- Teacher views a list of course forums and announcements.
- Creates a new forum or announcement, enters details, and submits.
- Sends or views messages with students.
- Sees success or error notifications.
- Navigates to other teacher pages.

**Diagram Notes:**

- Show a list for forums and announcements.
- Include forms for creating forums/announcements.
- Display a chat interface for messages.
- Add a notification popup.

### **3.6 TeacherAIChatbot.js**

**Purpose:** Provides AI assistance for teacher tasks.

**Workflow:**

- Teacher opens a chat interface.
- Types queries (e.g., how to grade assignments) or views FAQs.
- Receives responses and navigates to relevant pages.

**Diagram Notes:**

- Show a chat input field and response area.
- Include a collapsible FAQ section.

### 3.7 TeacherProfile.js

**Purpose:** Manages teacher's personal information.

**Workflow:**

- Teacher views current profile (name, bio, contact details).
- Edits profile details or uploads a profile picture.
- Submits changes and sees confirmation.
- Navigates to other teacher pages.

**Diagram Notes:**

- Show a form with profile fields and file upload.
- Include a submit button.
- Add a confirmation notification.

### 3.8 TeacherSettings.js

**Purpose:** Manages teacher's account settings.

**Workflow:**

- Teacher views current settings (e.g., notification preferences).
- Edits settings (e.g., password, email notifications).
- Submits changes and sees confirmation.
- Navigates to other teacher pages.

**Diagram Notes:**

- Show a form with settings fields.
- Include a submit button.
- Add a confirmation notification.

## 4 Student Panel Pages

The Student Panel (`src/pages/extra-pages/student`) focuses on learning and progress tracking.

### 4.1 StudentDashboard.js

**Purpose:** Provides an overview of the student's courses and activities.

**Workflow:**

- Student logs in and lands on the dashboard.
- Views cards with enrolled courses and pending assignments.

- Checks notifications (e.g., new announcements).
- Navigates to other student pages (e.g., Course Access, Progress Tracking).

**Diagram Notes:**

- Show cards for course and assignment stats.
- Include a list for notifications.
- Display a navigation menu.

## 4.2 StudentCourseAccess.js

**Purpose:** Allows access to course materials and assignments.

**Workflow:**

- Student selects a course from a list.
- Views course materials (e.g., PDFs, videos).
- Downloads or views assignments.
- Navigates to other student pages.

**Diagram Notes:**

- Show a course selection list or dropdown.
- Include a section for material display.
- Add buttons for downloading assignments.

## 4.3 StudentAssessmentSubmission.js

**Purpose:** Manages assignment and quiz submissions.

**Workflow:**

- Student selects a course and views assignments or quizzes.
- Submits an assignment file or answers quiz questions.
- Sees confirmation or error notifications.
- Navigates to other student pages.

**Diagram Notes:**

- Show a course selection dropdown.
- Include forms for assignment uploads or quiz answers.
- Add a confirmation notification.



#### 4.4 StudentProgressTracking.js

**Purpose:** Tracks student's progress in courses.

**Workflow:**

- Student views progress (e.g., completion percentage) in a table or chart.
- Selects a course for detailed progress (e.g., completed assignments).
- Sets learning goals (e.g., complete an assignment by a date).
- Navigates to other student pages.

**Diagram Notes:**

- Show a table or chart for progress.
- Include a course selection dropdown.
- Add a form for setting goals.

#### 4.5 StudentCommunication.js

**Purpose:** Facilitates interaction with teachers and peers.

**Workflow:**

- Student views course forums and announcements.
- Joins a forum discussion or sends a message to a teacher/peer.
- Sees confirmation for sent messages.
- Navigates to other student pages.

**Diagram Notes:**

- Show a list for forums and announcements.
- Include a chat interface for messages.
- Add a confirmation notification.

#### 4.6 StudentAIChatbot.js

**Purpose:** Provides AI assistance for student tasks.

**Workflow:**

- Student opens a chat interface.
- Types queries (e.g., how to submit assignments) or views FAQs.
- Receives responses and navigates to relevant pages.

**Diagram Notes:**

- Show a chat input field and response area.
- Include a collapsible FAQ section.

## 4.7 StudentProfile.js

**Purpose:** Manages student's personal information.

**Workflow:**

- Student views current profile (name, contact details).
- Edits profile details or uploads a profile picture.
- Submits changes and sees confirmation.
- Navigates to other student pages.

**Diagram Notes:**

- Show a form with profile fields and file upload.
- Include a submit button.
- Add a confirmation notification.

## 4.8 StudentSettings.js

**Purpose:** Manages student's account settings.

**Workflow:**

- Student views current settings (e.g., notification preferences).
- Edits settings (e.g., password, email notifications).
- Submits changes and sees confirmation.
- Navigates to other student pages.

**Diagram Notes:**

- Show a form with settings fields.
- Include a submit button.
- Add a confirmation notification.

## 5 Diagram Creation Notes

- **Flowcharts:** Map navigation flows (e.g., Admin from AdminDashboard.js to TeacherManagement.js via menu).
- **UI Wireframes:** Design page layouts (e.g., TeacherAssessmentGrading.js with course dropdown, assignment form, and grading list).
- **User Workflows:** Use workflows to create activity diagrams (e.g., Teacher creates assignment, submits, sees confirmation).
- **Tools:** Use PlantUML, Visio, or Figma to render diagrams based on the provided workflows.