

# Eduvance - Sprint1 Meeting Minutes

March 01, 2025

## Meeting Details

- **Project:** Eduvance
- **Facilitator:** Fasi Tahir (Scrum Master)
- **Attendees:**

Name	Roll Number
Fasi Tahir (Scrum Master)	2022-CS-71
Wali Allah	2022-CS-86
Laiba Khan	2022-CS-70
Alishba Mazhar	2022-CS-74

## Agenda

### 1. Sprint Planning

#### Sprint Length Discussion

- Alishba proposed a **1-week sprint**, while Fasi suggested a **2-week sprint** due to upcoming midterm exams.
- **Resolution:** Wali proposed dynamic sprint lengths per Agile methodology. The team agreed on a **2-week sprint**.

#### Sprint 1 Scope Discussion

- The team discussed the **core MVP features** and decided on Sprint 1 contents.
- **Conflict:** Alishba suggested excluding *Non-Teaching Staff Management* from Sprint 1. Wali argued it was essential.

- **Resolution:** The team agreed to include it but limit tasks due to midterms and technology adaptation.

## **Sprint 1 Tasks**

### **1. Authentication**

- **Epic:** Login
  - US1: Login
  - US2: Logout
  - US3: Change Password by Admin

### **2. User Management**

- **Epic:** Student Management
  - US4: Add Student
  - US5: Update Student
  - US6: Delete Student
- **Epic:** Teaching Staff Management
  - US7: Add Teaching Staff
  - US8: Update Teaching Staff
  - US9: Delete Teaching Staff
- **Epic:** Non-Teaching Staff Management
  - US10: Add Non-Teaching Staff
  - US11: Update Non-Teaching Staff
  - US12: Delete Non-Teaching Staff

### **3. Class Management**

- **Epic:** Admin Class Management
  - US13: Add Classes
  - US14: Delete Classes
  - US15: Update Classes

### **4. Course Management**

- **Epic:** Admin Course Management
  - US16: Add Courses
  - US17: Delete Courses
  - US18: Update Courses
  - US19: Assign Courses to Teachers

## Task Assignment

- **Fasi:** Authentication (Login, Logout, Change Password)
- **Wali:** Teaching  
Non-Teaching Staff Management
- **Laiba:** Student Management
- **Alishba:** Admin Class  
Course Management

## 2. Attribute Selection Database Structure

### Defined Tables

#### Attributes

- **Student Table:** Name, DOB, CNIC, Contact Info, Address, Roll Number (auto-generated), Required Documents.
- **Teacher Table:** Name, CNIC, DOB, Contact Info, Employee Number (auto-generated), Experience, Subjects Assigned, Salary, Employment Type, Required Documents.
- **Non-Teaching Staff Table:** Similar to Teacher table but with Supervisor and Department fields.
- **Courses Table:** Course Code, Course Name, Description, Status, Assigned Teachers.
- **Classes Table:** Class Name, Sections, Courses, Student Strength.

## 3. Strategies

### Future Considerations

- **File Storage Options:**
  - Wali: Virtual Machine (VM).
  - Fasi: GitHub repository.
- **Student Roll Number Generation:** Filter by class number and count students.

- **Future Enhancements:**

- Auto-generation of student/staff ID cards.
- Document verification before full system access.
- Aptitude Test Feature (planned for a future sprint).

## 4. Suggestions

### Miscellaneous Discussions

- **Backlog Updates:** Class Management added (Alishba).
- **Scrum Board**  
**Documentation:** Jira summary section suggested for screenshots (Alishba).
- **Frontend Review:** Prototype frontend demonstrated (Wali).

### Meeting Adjourned

---

## Minutes of Meeting (Scrum Meeting)

March 04, 2025

- **Project:** Eduvance
- **Meeting Date:** March 04, 2025
- **Attendees:**

Name	Roll Number
Fasi Tahir (Scrum Master)	2022-CS-71
Wali Allah	2022-CS-86
Laiba Khan	2022-CS-70
Alishba Mazhar	2022-CS-74

## Discussion Summary

Fasi asked Alishba about the work she did on Monday. Alishba reported her work:

- **Task done:** Designed initial UI for course management main page and started working on add course modal.
- **Issues:** Faced issues with the modal (popup form) for adding a course.
- **Next to do:** Finalize the UI page. If completed on time, start its backend.

Fasi asked Laiba about her work on Monday. Laiba reported:

- **Task done:** Fixed the UI issue for the manage student main page.
- **Issues:** Faced responsiveness issues when adding pseudo data for students. The logout button in the side dashboard moves down as more data is added.
- **Next to do:** Try to fix the issue and start integrating the backend.

Fasi asked Wali about his work on Monday. Wali reported:

- **Task Done:** Drafted the basic UI layout for all tasks on paper.
- **Issues:** No major issues encountered.

- **Next to do:** Start prototyping the UI.

Then Fasi reported his own work:

- **Task Done:** Designed the UI for the login page.
- **Issues:** Faced styling issues with the page.
- **Next to do:** Improve the UI and start working on the backend.

## Meeting Adjourned

---

## Minutes of Meeting (Scrum Meeting)

- **Project:** EduVance
- **Meeting Date:** March 05, 2025
- **Attendees:**

Name	Roll Number
Fasi Tahir (Scrum Master)	2022-CS-71
Wali Allah	2022-CS-86
Laiba Khan	2022-CS-70
Alishba Mazhar	2022-CS-74

## Meeting Discussion

### Laiba's Report

- **Task Done:** Fixed the UI issue for the manage student main page.
- **Issues:** Struggled with fixing the issue but managed to solve it.
- **Next to do:** Start implementing the add student form.
- **Feedback:** Wali suggested adding filter and search functionality, and all members agreed.

### Alishba's Report

- **Task Done:** Finalized the course creation main page and resolved issue with the add course modal.
- **Issues:** No particular issues faced.
- **Next to do:** Start the backend implementation for add student.
- **Feedback:** Same suggestion as Laiba's task.

### Wali's Report

- **Task Done:** Implemented the drafted layout in the prototype.
- **Issues:** Faced issues with Tailwind's new version (v4), which introduced drastic command changes.

- **Next to do:** Finalize the UI of the teaching staff management main page.
- **Feedback:** Fasi suggested deciding a unified color theme, and Wali's selected color scheme was approved.

### **Fasi's Report**

- **Task Done:** Finalized the login UI page.
- **Issues:** Due to exam preparation, unable to start the backend.
- **Next to do:** Start backend development for login.
- **Feedback:** Everyone liked the overall design.

### **Meeting Adjourned**

---



## Minutes of Meeting (Scrum Meeting)

- **Project:** EduVance
- **Meeting Date:** March 05, 2025
- **Attendees:**

Name	Roll Number
Fasi Tahir (Scrum Master)	2022-CS-71
Wali Allah	2022-CS-86
Laiba Khan	2022-CS-70
Alishba Mazhar	2022-CS-74

## Meeting Discussion

### Wali's Report

- **Task Done:** Designed the teaching staff management main page.
- **Issues:** No particular issue faced.
- **Next to do:** Will design add and update form modals.
- **Feedback:** No particular feedback.

### Alishba's Report

- **Task Done:** Worked on suggestions. Watched a tutorial for MongoDB Atlas, created a cluster and collection, and connected it with the backend.
- **Issues:** Faced an issue regarding MongoDB Atlas connectivity due to password in the connection string.
- **Next to do:** Start working on the controller for adding courses.

### Laiba's Report

- **Task Done:** Added add and update student form modals.
- **Issues:** No particular issue faced.
- **Next to do:** Start working on backend for adding students.

### **Fasi's Report**

- **Task Done:** Created a database on MongoDB Atlas, connected it with the backend, and started working on backend development.
- **Issues:** No particular issue faced.
- **Next to do:** Complete the controller for login functionality.

### **Meeting Adjourned**

---

## Minutes of Meeting (Scrum Meeting)

- **Project:** EduVance
- **Meeting Date:** March 05, 2025
- **Attendees:**

Name	Roll Number
Fasi Tahir (Scrum Master)	2022-CS-71
Wali Allah	2022-CS-86
Laiba Khan	2022-CS-70
Alishba Mazhar	2022-CS-74

## Meeting Discussion

### Wali's Report

- **Task Done:** Finalized the update and add student modals.
- **Issues:** Faced an issue regarding the scrollbar setting, but fixed it.
- **Next to do:** As both teaching staff and non-teaching staff are almost the same, I will replicate this for non-teaching staff management.

### Alishba's Report

- **Task Done:** Implemented controller and started working on route to connect frontend with backend.
- **Issues:** No particular issue.
- **Next to do:** Complete integration of frontend and backend, and start working on testing.

### Laiba's Report

- **Task Done:** Watched a tutorial for MongoDB Atlas, created a cluster and collection, and connected it with the backend.
- **Issues:** Faced an issue regarding connectivity with MongoDB due to wrong configuration, but fixed it.
- **Next to do:** Start working on the controller for adding a student.

### **Fasi's Report**

- **Task Done:** Implemented controller and integrated it with the frontend.
- **Issues:** Faced an issue regarding integration; user was present in the database, and database was connected, but query was returning null.
- **Next to do:** Fix the issue, implement JWT session, and start testing over the weekend.

### **Meeting Adjourned**

---

## Minutes of Meeting (Scrum Meeting)

- **Project:** EduVance
- **Meeting Date:** March 10, 2025
- **Attendees:**

Name	Roll Number
Fasi Tahir (Scrum Master)	2022-CS-71
Wali Allah	2022-CS-86
Laiba Khan	2022-CS-70
Alishba Mazhar	2022-CS-74

## Meeting Discussion

### Wali's Report

- **Task Done:** Replicated the UI successfully.
- **Issues:** No particular issue faced.
- **Next to do:** Will start working on backend for adding teaching staff.

### Alishba's Report

- **Task Done:** Completed the backend for adding courses.
- **Issues:** The data was not adding to the database but fixed it.
- **Next to do:** Will start working on updating courses.

### Laiba's Report

- **Task Done:** Added the add student controller and integrated it with the backend.
- **Issues:** Faced issues with routes (CORS) and picture uploading but fixed them.
- **Next to do:** Will start working on backend for updating students.

### **Fasi's Report**

- **Task Done:** Fixed the issue, implemented JWT session, and tested functionality.
- **Issues:** No particular issue faced.
- **Next to do:** Suggested adding authorization for different admin roles. Everyone agreed, and the task was added to Jira.

### **Meeting Adjourned**

---

## Minutes of Meeting (Scrum Meeting)

- **Project:** EduVance
- **Meeting Date:** March 11, 2025
- **Attendees:**

Name	Roll Number
Fasi Tahir (Scrum Master)	2022-CS-71
Wali Allah	2022-CS-86
Laiba Khan	2022-CS-70
Alishba Mazhar	2022-CS-74

## Meeting Discussion

### Wali's Report

- **Task Done:** Started working on Add staff (teaching and non-teaching). Set up MongoDB Atlas and Cloudinary for document management. Started backend development in JavaScript.
- **Issues:** Faced issues related to API endpoints and mistakenly created the backend in .js format instead of .ts format.
- **Next to do:** Convert Backend to TypeScript and implement updating and deleting staff.

### Alishba's Report

- **Task Done:** Completed the backend for updating and deleting courses.
- **Issues:** Initially deleted courses from the database but later realized from teammates that data should not be deleted, only the active status should be tracked. Fixed the issue.
- **Next to do:** Test the course update and delete functionality and start working on adding class functionality UI.

### Laiba's Report

- **Task Done:** Integrated the backend API for updating student records.

- **Issues:** Initially, there was a connectivity issue between ‘server.js’ and the frontend. After resolving that, updating data caused a blank page to appear.
- **Next to do:** Finalize the update functionality.

### **Fasi’s Report**

- **Task Done:** Fixed authentication issues where a user was able to bypass login by changing the URL.
- **Issues:** Found that after logging in as a student, a user could change the URL and access the admin dashboard.
- **Next to do:** Fix the authentication issue and start working on authorization.

### **Meeting Adjourned**

---



## Minutes of Meeting (Scrum Meeting)

- **Project:** EduVance
- **Meeting Date:** March 12, 2025
- **Attendees:**

Name	Roll Number
Fasi Tahir (Scrum Master)	2022-CS-71
Wali Allah	2022-CS-86
Laiba Khan	2022-CS-70
Alishba Mazhar	2022-CS-74

## Meeting Discussion

### Wali's Report

- **Task Done:** Fixed the issue and converted the files to .ts, and added staff (teaching and non-teaching) successfully.
- **Issues:** Faced multiple challenges during the conversion process. Encountered difficulties starting the 'server.ts' file due to dependency conflicts.
- **Next to do:** Implement API for updating staff details (Teaching + Non-Teaching), implement API for deleting staff from the database, add proper error handling and status codes, and test update & delete APIs.

### Alishba's Report

- **Task Done:** Completed testing and UI of class management.
- **Issues:** Realized that all backend should be in TS but had done it in JS. Resolved the issue by converting all code to TS.
- **Next to do:** Work on backend for adding, updating, and deleting class functionality.

### Laiba's Report

- **Task Done:** Completed the update functionality and started working on the backend for deleting student records.
- **Issues:** While implementing the delete functionality, user data was not being removed along with the student record.
- **Next to do:** Complete the delete functionality.

### Fasi's Report

- **Task Done:** Fixed the issue and completed authentication, implemented logout functionality by removing the token assigned during login, started working on reset password functionality.
- **Issues:** Facing issue in sending email for resetting the password.
- **Next to do:** Implement email sending for password reset and work on authorization.

### Meeting Adjourned

---

## Minutes of Meeting (Scrum Meeting)

- **Project:** EduVance
- **Meeting Date:** March 13, 2025
- **Attendees:**

Name	Roll Number
Fasi Tahir (Scrum Master)	2022-CS-71
Wali Allah	2022-CS-86
Laiba Khan	2022-CS-70
Alishba Mazhar	2022-CS-74

## Meeting Discussion

### Wali's Report

- **Task Done:** Implemented API for fetching all staff (teaching and non-teaching) records. Added filtering options (by role, department, etc.). Implemented update & delete functionality.
- **Issues:** No particular issue faced.
- **Next to do:** Final testing & debugging.

### Alishba's Report

- **Task Done:** Completed the backend of class functionality.
- **Issues:** Faced issue in handling multiple tables as course code is needed in class adding functionality and faced difficulty in accessing course code in class adding functionality but resolved it.
- **Next to do:** Testing of functionalities.

### Laiba's Report

- **Task Done:** Implemented the delete functionality.
- **Issues:** Faced multiple connection issues and problems related to the 'dist' folder. As a result, user credentials were not properly deleted or updated while handling deletions and updates.
- **Next to do:** Will fix these issues and do final testing.

## **Fasi's Report**

- **Task Done:** Implemented the sending of email notifications and authorization.
- **Issues:** In email notification faced the issue that it was giving an error of wrong credentials, found out that we need app passwords for that, so fixed it.
- **Next to do:** Test the authorization by trying to bypass it.

## **Conclusion**

Fasi concluded the meeting by adding that on Friday (tomorrow) we will have a retrospective meeting and team members should write all the issues faced during the sprint and provide feedback on leadership. These will be discussed in the retrospective meeting.

## **Meeting Adjourned**

---

## Retrospective Meeting

- **Project:** EduVance
- **Meeting Date:** March 14, 2025
- **Attendees:**

Name	Roll Number
Fasi Tahir (Scrum Master)	2022-CS-71
Wali Allah	2022-CS-86
Laiba Khan	2022-CS-70
Alishba Mazhar	2022-CS-74

## 4 L's - Retrospective Feedback

### Alishba's Report

**Liked:** Daily standups helped me to solve issues more easily. The transparency of project progress motivated me to complete tasks on time.

**Learned:** Learned a new technology stack and the importance of project management, specifically task division.

**Lacked:** We lacked proper communication, which caused issues in the database schema.

**Longed for:** I wish for better communication about the database schema in the next sprint planning.

### Fasi's Report

**Liked:** The team environment was motivating, and everyone completed their tasks on time.

**Learned:** Learned about hierarchical task division (epics, user stories, tasks, subtasks) and how it improves efficiency. Also, learned a lot about authentication and authorization.

**Lacked:** We lacked a proper plan. Due to miscommunication about feature implementation, a lot of extra work was required.

**Longed for:** In future sprints, we should identify overlapping tasks and address them in sprint meetings and standups.

### Laiba's Report

**Liked:** Work management was effective with daily task division, preventing overload.

**Learned:** Learned a new programming language (TypeScript).

**Lacked:** Lack of communication led to work conflicts. Also, faced challenges adapting to new technologies.

**Longed for:** During standups, we should not only discuss completed and upcoming tasks but also explain how we plan to implement them to avoid conflicts.

### **Wali's Report**

**Liked:** Roles were not fixed (backend/frontend), giving everyone an equal opportunity to learn.

**Learned:** Learned a new technology stack.

**Lacked:** We didn't conduct proper research on best practices for implementation.

**Longed for:** I wish to structure the sprint backlog so that we finish tasks within the first week, reserving the second week for testing, debugging, and refining our work.

### **Meeting Adjourned**

---

## **Eduvance -Sprint2 Meeting Minutes**

- **Date:** March 17, 2025
- **Attendees:**
  - Wali Allah (2022-CS-86) - Scrum Master
  - Fasi Tahir (2022-CS-71)
  - Alishba Mazhar (2022-CS-74)
  - Laiba Khan (2022-CS-70)
- **Agenda:**
  - Task distribution for the sprint
  - Discussion on integration and feature improvements
  - Bug tracking and resolution
  - Database schema discussion for the next sprint

## **Key Points Discussed**

### **1. New Column Addition**

- A new column "To Be Integrated" will be added to track pending integrations.

### **2. Branch Creation & Task Distribution**

Each member has been assigned specific tasks for the sprint:

- **Fasi:**
  - Integration
  - Teacher course view
- **Wali:**
  - Course material upload
  - Add time slot while adding a teacher during staff addition
- **Alishba:**
  - Mark attendance for staff/non-teaching staff

- **Laiba:**
  - Mark attendance for students

### 3. Feature Enhancements & Discussion

- **Staff Attendance System:**
  - Late arrivals will be marked with a red line.
  - In and out times will be recorded to help with salary management.
- **Teacher Attendance Automation:**
  - Teacher time slots will be recorded during staff addition.
  - This will help in automatically checking if a teacher is late.

### 4. Bug Tracking & Fixes

- **Alishba:** Fix Section table issues
- **Wali:** Add time slot functionality
- **Laiba:** Fix student's document addition using Cloudinary
- **Wali:** Remove the "Assign Subject" option from the Teacher module
- **Laiba:** Add student email to the User table
- **Wali:** Add User ID in the Teacher table
- **Laiba:** Implement automatic update of boys' and girls' strength upon student addition
- **Laiba:** Ensure section strength updates when a student is added
- **Laiba:** Add a new MongoDB collection with hardcoded data for now
- **Alishba:** Add Class ID in the Course table



## 5. Database Schema Discussion for Next Sprint

- **Section Schema:**
  - Class ID
  - Section Name
  - Strength (Boys/Girls)
- **New Table: Teacher Assignment Table**
  - Section ID
  - Teacher ID
  - Course ID
  - Time Slot (to be recorded during teacher assignment)
- **Workflow of Alishba for Teacher Assignment Table:**
  - Course selection → Section selection → Teacher assignment → Entry in the Teacher Assignment Table
- **Class Table Schema:**
  - Class Name
  - Session
  - Timetable
  - High Scorers

## Action Items

- Resolve identified bugs.
- Implement the discussed tasks as per the distribution.
- Begin working on the new database schema for the upcoming sprint in next meeting.

## Meeting Adjourned

---

## Minutes of Meeting (Scrum Meeting)

- **Project:** EduVance
- **Meeting Date:** March 18, 2025
- **Attendees:**

Name	Roll Number
Fasi Tahir	2022-CS-71
Wali Allah (Scrum Master)	2022-CS-86
Laiba Khan	2022-CS-70
Alishba Mazhar	2022-CS-74

## Meeting Discussion

### Wali's Report

- **Task Done:** Fixed the bug where the Object ID of the User was not being stored in the Staff table. Ensured proper linking between User and Staff.
- **Issues:** Faced issues with Object ID references and database constraints while updating the Staff table.
- **Next to do:** Test the fixes thoroughly and verify data consistency in related tables.

### Laiba's Report

- **Task Done:** Started fixing the previous sprint's issues and bugs. A major issue was fetching class and section IDs due to incorrect API responses.
- **Issues:** API-related issues caused fetching failures.
- **Next to do:** Reimplement the "Add Student" functionality by creating separate tables for sections and classes. Then, move on to fixing the "Delete Student" bugs.

### Alishba's Report

- **Task Done:** Fixed the bug in the Section table that was left unresolved in Sprint 1.
- **Issues:** Faced difficulties creating the Section table and mapping it with the Class table, but resolved them.
- **Next to do:** Fix another bug related to Course Management functionality.

### Fasi's Report

- **Task Done:** Designed UI for the Course view interface.
- **Issues:** No particular issue.
- **Next to do:** Waiting for the resolution of other issues before integrating functionalities. Meanwhile, will start working on the Course view backend.

### Meeting Adjourned

---

## Minutes of Meeting (Scrum Meeting)

### Project: EduVance

- **Meeting Date:** March 19, 2025
- **Attendees:**

Name	Roll Number
Fasi Tahir	2022-CS-71
Wali Allah (Scrum Master)	2022-CS-86
Laiba Khan	2022-CS-70
Alishba Mazhar	2022-CS-74

## Meeting Discussion

### Wali's Report

- **Task Done:** Completed testing and verification for storing the User Object ID in the Staff table. Designed the UI and backend for adding a time slot while assigning a teacher in staff addition and implemented form validation.
- **Issues:** Faced minor issues with API response formatting and resolving duplicate entries in the database.
- **Next to do:** Start working on the course material upload feature by setting up the UI and basic file selection functionality.

### Laiba's Report

- **Task Done:** Fixed bugs in the "Delete Student" functionality and started working on the "Update Student" feature.
- **Issues:** Faced multiple issues with data retrieval, class ID fetching, and incorrect username/password updates.
- **Next to do:** Continue working on resolving these issues.

### Alishba's Report

- **Task Done:** Fixed the Course Management bug by adding 'classID' in the Course table for proper input handling and teacher assignment.

- **Issues:** Encountered issues with packages and routes, particularly fetching sections and teachers due to API problems.
- **Next to do:** Begin UI development for teaching and non-teaching staff attendance.

### **Fasi's Report**

- **Task Done:** Integrated the management functionalities for teaching staff, non-teaching staff, authentication, and authorization.
- **Issues:** Encountered multiple package and route issues during integration.
- **Next to do:** While waiting for bug fixes, will implement the backend for viewing courses.

### **Meeting Adjourned**

---

## Minutes of Meeting (Scrum Meeting)

**Project:** EduVance

- **Meeting Date:** March 20, 2025
- **Attendees:**

Name	Roll Number
Fasi Tahir	2022-CS-71
Wali Allah (Scrum Master)	2022-CS-86
Laiba Khan	2022-CS-70
Alishba Mazhar	2022-CS-74

## Meeting Discussion

### Wali's Report

- **Task Done:** Designed and implemented the UI for course material upload, allowing users to select files.
- **Issues:** Faced UI alignment and validation issues while handling different file formats.
- **Next to do:** Integrate the backend API to store and retrieve course materials.

### Laiba's Report

- **Task Done:** Resolved previous issues related to class name vs. class ID conflicts in data retrieval.
- **Issues:** Faced conflicts between displaying class names and handling IDs for fetching sections.
- **Next to do:** Start designing the UI for marking student attendance.

### Alishba's Report

- **Task Done:** Designed the UI for teaching and non-teaching staff attendance.
- **Issues:** No particular issue.
- **Next to do:** Begin backend development for the staff attendance module.

### **Fasi's Report**

- **Task Done:** Implemented and tested the backend for viewing courses.
- **Issues:** No particular issue.
- **Next to do:** Integrate management functionalities for courses, classes, students, and course assignments.

### **Meeting Adjourned**

---

## Minutes of Meeting (Scrum Meeting)

**Project: EduVance**

- **Meeting Date:** March 24, 2025
- **Attendees:**

Name	Roll Number
Fasi Tahir	2022-CS-71
Wali Allah (Scrum Master)	2022-CS-86
Laiba Khan	2022-CS-70
Alishba Mazhar	2022-CS-74

## Meeting Discussion

### Wali's Report

- **Task Done:** Integrated the backend API for course material upload, ensuring proper file storage and retrieval.
- **Issues:** Encountered difficulties with large file uploads and UI progress tracking.
- **Next to do:** Retrospective Meeting.

### Laiba's Report

- **Task Done:** Completed the UI for marking student attendance.
- **Issues:** No particular issue.
- **Next to do:** Will work on the backend for attendance marking in the next sprint. Retrospective Meeting.

### Alishba's Report

- **Task Done:** Implemented backend functionality for teaching and non-teaching staff attendance.
- **Issues:** Faced issues with overlapping database tables and route conflicts.
- **Next to do:** Retrospective Meeting.



### **Fasi's Report**

- **Task Done:** Integrated functionalities for course management, class management, student management, and course assignments.
- **Issues:** Faced issues with route conflicts and managing overlapping classes.
- **Next to do:** Retrospective Meeting.

### **Meeting Adjourned**

---

## Retrospective Meeting – Sprint 2

### Project: EduVance

- **Meeting Date:** March 21, 2025
- **Attendees:**

Name	Roll Number
Fasi Tahir	2022-CS-71
Wali Allah (Scrum Master)	2022-CS-86
Laiba Khan	2022-CS-70
Alishba Mazhar	2022-CS-74

### Alishba's Feedback

#### DOs:

- Use the "To Be Integrated" column in Jira to track pending tasks efficiently.
- Set aside dedicated time for reviewing database schema changes before development starts.

#### DON'Ts:

- Don't leave debugging sessions unstructured; planned sessions help resolve API issues faster.
- Avoid making last-minute schema changes without prior discussion.

### Fasi's Feedback

#### DOs:

- Maintain structured task assignments for better coordination.
- Ensure proper version control to prevent package and route conflicts.

#### DON'Ts:

- Don't ignore API documentation; unclear endpoints slow down integration.
- Avoid jumping into implementation without planning backend structure properly.

## **Laiba's Feedback**

### **DOs:**

- Use the bug-tracking system systematically to manage and resolve issues efficiently.
- Ensure UI updates are in sync with backend changes before deployment.

### **DON'Ts:**

- Don't skip data validation, especially for class IDs, to prevent backend conflicts.
- Avoid making changes in the live environment without proper testing.

## **Wali's Feedback**

### **DOs:**

- Maintain clear communication about integration challenges and solutions.
- Assign dedicated time for testing before sprint completion.

### **DON'Ts:**

- Don't push last-minute fixes without proper testing and validation.
- Avoid assuming all tasks will integrate smoothly without intermediate testing.

## **Action Items for Next Sprint**

1. **Improve API Documentation** – Assign a member to maintain updated API documentation.
2. **Pre-development Schema Review** – Conduct a discussion before implementing schema changes.
3. **Dedicated Debugging Sessions** – Allocate specific time slots during standups for debugging.
4. **Structured Testing Week** – Reserve the last sprint week for thorough testing and fixes.

### **Meeting Adjourned**

---

## **Eduvance - Sprint3 Planning Meeting**

### **Project: EduVance**

**Meeting Date:** March 25, 2025

**Attendees:**

- Alishba Mazhar (2022-CS-74) - Scrum Master
- Wali Allah (2022-CS-86)
- Fasi Tahir (2022-CS-71)
- Laiba Khan (2022-CS-70)

### **Sprint 3 Planning Discussion**

#### **Sprint Goals**

- Enhance and finalize the staff management module.
- Develop and test the attendance management system.
- Complete teacher assignment functionalities.
- Improve course material handling with better CRUD operations.

#### **Task Breakdown**

- **Wali:** Finalize staff management UI fixes and role assignments.
- **Laiba:** Implement attendance backend API and resolve API issues.
- **Fasi:** Complete teacher assignment functionality and UI integration.
- **Alishba:** Ensure course material CRUD operations work properly.

#### **Potential Roadblocks and Mitigation Plan**

- **UI Consistency Issues:** Establish standardized UI components to ensure consistency.
- **Backend API Challenges:** Regular debugging sessions and proper API documentation.

- **Database Query Optimization:** Review and optimize queries for better performance.
- **Testing and Review:** Schedule testing sessions to identify and resolve bugs.

**Meeting Adjourned**

---

## Eduvance-Sprint3 Meeting Minutes

### Project: EduVance

**Meeting Date:** March 26, 2025

**Attendees:**

Name	Roll Number
Fasi Tahir	2022-CS-71
Wali Allah	2022-CS-86
Laiba Khan	2022-CS-70
Alishba Mazhar (Scrum Master)	2022-CS-74

### Meeting Discussion

#### Wali's Report

- **Task Done:** Integrated tasks from Sprint 2 into the current codebase. Fixed the UI issue when visiting the Manage Staff page.
- **Issues:** Faced challenges with CSS conflicts affecting the page layout. Required adjustments to maintain responsiveness.
- **Next to do:** Work on fixing the filter and search functionality in the Manage Staff page.

#### Laiba's Report

- **Task done:** Add one combo box of class in the mark attendance interface and finalize the schema of mark attendance interface.
- **Issues:** no particular issue.
- **Next to do:** Start the backend Api of mark attendance.

#### Fasi's Report

- **Task Done:** Fixed the bug about the course errors and success messages in the course and class functionality.
- **Issues:** No particular issue faced.
- **Next to do:** Will start the frontend of teacher assignment functionality.

### Alishba's Report

- **Task Done:** Implemented the course material uploading functionality on Cloudinary.
- **Issues:** Faced many issues regarding Cloudinary as the course was not uploading and returned errors, but later resolved them.
- **Next to do:** Will start working on updating and deleting the course material.

### Meeting Adjourned

---

## Minutes of Meeting (Scrum Meeting)

### Project: EduVance

**Meeting Date:** March 27, 2025

**Attendees:**

Name	Roll Number
Fasi Tahir	2022-CS-71
Wali Allah	2022-CS-86
Laiba Khan	2022-CS-70
Alishba Mazhar (Scrum Master)	2022-CS-74

## Meeting Discussion

### Wali's Report

- **Task Done:** Fixed filter and search functionality in the Manage Staff page. Resolved issue where Teaching and Non-Teaching staff pages displayed the same staff. Updated the staff interface in the Staff modal.
- **Issues:** Faced difficulties differentiating staff categories due to incorrect database queries.
- **Next to do:** Fix the role assignment issue in the user table when adding and updating staff. Ensure error messages display correctly on the UI.

### Laiba's Report

- **Task Done:** Fetches the teacher id, section id, class id, course id for mark attendance.
- **Issues:** Face issues of api and routes in ids fetching, Mis match json format while fetching.
- **Next to do:** Resolve the api issues and Complete the full fledged functionality of mark attendance of student.

### Fasi's Report

- **Task Done:** Completed the frontend of the teacher assignment functionality.



- **Issues:** Faced issues with combo boxes. Since no errors were displayed, resolved it by placing error messages on the UI.
- **Next to do:** Start the implementation of teacher assignment functionality.

### **Alishba's Report**

- **Task Done:** Implemented course material updating and deleting functionality.
- **Issues:** Faced multiple issues where course material was not updating correctly with previous files and other related problems, but resolved them.
- **Next to do:** Work on error message handling.

### **Meeting Adjourned**

---

## Minutes of Meeting (Scrum Meeting)

### Project: EduVance

**Meeting Date:** March 28, 2025

**Attendees:**

Name	Roll Number
Fasi Tahir	2022-CS-71
Wali Allah	2022-CS-86
Laiba Khan	2022-CS-70
Alishba Mazhar (Scrum Master)	2022-CS-74

## Meeting Discussion

### Wali's Report

- **Task Done:** Fixed role assignment in the user table while adding and updating staff. Ensured error messages display correctly on the Teaching and Non-Teaching staff management UI. Enhanced UI animation to display "Updating Staff..." instead of "Adding Staff..." when updating staff.
- **Issues:** Encountered minor UI glitches in role updates, requiring additional testing.
- **Next to do:** Conduct a final review and testing of all implemented fixes to ensure smooth functionality before submission.

### Laiba's Report

- **Task Done:** All issues of API resolved and mark the attendance with batch processing for multiple students.
- **Issues:** Status and remarks are not updated.
- **Next to do:** To be integrated.

### Fasi's Report

- **Task Done:** Implemented the functionality for viewing teacher assignments.

- **Issues:** Faced issues where no data was being fetched in combo boxes due to ID conflicts, but resolved them.
- **Next to do:** Retrospective meeting.

#### **Alishba's Report**

- **Task Done:** Implemented error and success messages for the course material functionality.
- **Issues:** No particular issues.
- **Next to do:** Retrospective meeting.

#### **Meeting Adjourned**

---

## Retrospective Meeting – Sprint 3

**Project:** EduVance

**Meeting Date:** March 31, 2025

**Attendees:**

Name	Roll Number
Fasi Tahir	2022-CS-71
Wali Allah	2022-CS-86
Laiba Khan	2022-CS-70
Alishba Mazhar (Scrum Master)	2022-CS-74

## Retrospective Discussion

### Wali's Feedback

#### DO's

- Ensure clear role assignments in the user table.
- Double-check UI updates for correctness before deployment.
- Conduct comprehensive testing for all role-based functionalities.

#### DON'Ts

- Avoid implementing UI changes without verifying expected behavior.
- Do not neglect error messages and validation in forms.

### Laiba's Feedback

#### DO's

- Validate all fetched IDs before processing attendance.
- Ensure proper JSON formatting while retrieving data.
- Thoroughly test API endpoints before integration.

#### DON'Ts

- Avoid hardcoding IDs in API requests.
- Do not push code with unresolved API errors.

### **Fasi's Feedback**

#### **DO's**

- Ensure all teacher assignment data is correctly retrieved.
- Validate combo box selections before submission.
- Keep proper logs of any data conflicts and fix them.

#### **DON'Ts**

- Avoid assuming combo box data will always populate correctly.
- Do not ignore teacher assignment validation checks.

### **Alishba's Feedback**

#### **DO's**

- Implement proper success and error messages for course material.
- Test course material functionality thoroughly.
- Maintain Cloudinary configurations to prevent upload failures.

#### **DON'Ts**

- Avoid assuming uploads will always succeed without testing.
- Do not skip logging errors for debugging purposes.

### **Meeting Adjourned**