

CC2101 Software Engineering

Assignment 2



School of Systems and Technology
UMT Lahore Pakistan
Deliverable 2

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Prototypes:

Student Role

The diagram illustrates the login process for the Student Role. It starts with a 'Welcome Back' screen on the left, which includes fields for 'Username' (student) and 'Password' (pass123), and a 'Sign In' button. A large blue arrow points to the right, leading to a 'Success!' screen on the right. This success screen features a green circular icon with a checkmark, the text 'Success!', and the message 'You have successfully logged in to the Attendance Portal.' Below this is a green 'Continue to Dashboard' button.

This card provides a quick summary of John's attendance. It includes a green header bar with 'Welcome, John!' and 'Your attendance this month: 94.5%'. Below this, there are three sections: 'Days Present' (18 out of 20 days), 'Days Absent' (2 this month), and 'Late Arrivals' (3 this month). Each section has an icon and a small description.

Recent Attendance			
Date	Check In	Check Out	Status
Nov 29, 2025	08:55 AM	03:30 PM	Present
Nov 28, 2025	09:10 AM	03:35 PM	Late
Nov 27, 2025	08:50 AM	03:25 PM	Present
Nov 26, 2025	-	-	Absent
Nov 25, 2025	08:58 AM	03:30 PM	Present

This section contains three navigation links: 'View Full Report' (with a document icon), 'Profile Settings' (with a gear icon), and 'Update your profile information'.

Teacher Role

Welcome Back

Select Role

Teacher Student Admin

Username

Password
 (@)

Remember me [Forgot Password?](#)

Sign In

Demo Credentials:

Teacher: teacher / pass123

Student: student / pass123

Admin: admin / pass123



Success!

You have successfully logged in to the Attendance Portal.

Continue to Dashboard

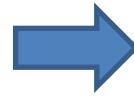
Welcome back, Sarah!
You have 4 classes today. 3 attendance records pending.

Total Students
142
Across 4 classes

Today's Attendance
92.5%
+2.3% from yesterday

Classes Today
4
2 completed

Alerts
3
Low attendance warnings



Today's Classes

Grade 10A - Mathematics 08:00 AM - 09:00 AM	Students 35	Attendance 34/35	Marked
Grade 10B - Mathematics 09:30 AM - 10:30 AM	Students 38	Attendance 36/38	Marked
Grade 11A - Mathematics 11:00 AM - 12:00 PM	Students 32	Attendance -	Pending
Grade 11B - Mathematics 02:00 PM - 03:00 PM	Students 37	Attendance -	Pending

Mark Attendance
Mark attendance for your classes

View Reports
Access attendance reports

Attendance Management
Mark attendance and view reports

[Attendance Marking](#)

[Reports](#)

Date

12/04/2025

Class

Grade 10A

Search Student

Total
8

Present
6

Late
1

Absent
0

Unmarked
1

Roll No.

Student Name

Time

Mark Attendance

001

Alice Johnson

09:05 AM

Present Late Absent

002

Bob Smith

09:05 AM

Present Late Absent

003

Carol Davis

09:15 AM

Present Late Absent

004

David Brown

09:00 AM

Present Late Absent

005

Emma Wilson

09:04 AM

Present Late Absent

006

Frank Miller

09:05 AM

Present Late Absent

007

Grace Lee

09:05 AM

Present Late Absent

Attendance Management
Mark attendance and view reports

[Attendance Marking](#)

[Reports](#)

Filter Reports

Start Date

11/01/2025

End Date

11/29/2025

Class

All Classes

Student

All Students

Showing data from 11/1/2025 to 11/29/2025

Export CSV

Total Records

8

Avg. Present

17.1 days

Avg. Late

0.6 days

Avg. Rate

88.8%

Detailed Attendance Report

Showing 8 records

Roll No.	Student Name	Class	Total Days	Present	Late	Absent	Attendance %
001	Alice Johnson	Grade 10A	20	16	0	4	80.0%
002	Bob Smith	Grade 10A	20	18	0	2	90.0%
003	Carol Davis	Grade 10A	20	15	1	4	80.0%
004	David Brown	Grade 10A	20	18	2	0	100.0%
005	Emma Wilson	Grade 10A	20	19	0	1	95.0%
006	Frank Miller	Grade 10A	20	18	0	2	90.0%
007	Grace Lee	Grade 10A	20	18	0	2	90.0%
008	Henry Taylor	Grade 10A	20	15	2	3	85.0%

Admin Role

Admin Dashboard
System-wide overview and management

Total Users
1,248
Students & Teachers

Active Classes
42
Across all grades

Overall Attendance
91.2%
+1.5% this month

Pending Actions
12
Require attention

Recent Activities

- New teacher registered
Emma Wilson 10 mins ago
- Attendance marked
John Smith (Grade 10A) 25 mins ago
- Report generated
System 1 hour ago
- Student updated
Admin (Alice Brown) 2 hours ago

Class Performance

Grade 10A	95.5%
Grade 10B	89.2%
Grade 11A	92.8%
Grade 11B	87.5%

 Manage Users

 Manage Classes

 Analytics

 Settings

