



**COLLEGE OF COMPUTER SCIENCE AND MATHEMATICS
CAMPUS SHAH ALAM**

BACHELOR OF INFORMATION TECHNOLOGY (HONS.)

CDCS240

ENTERPRISE PROGRAMMING

CSC584

TITLE:

FINAL YEAR PROJECT SUPERVISION & PROGRESS TRACKER

GROUP:

NBCS2404A

PREPARED FOR:

SIR MUHAMAD RIDHWAN BIN MOHAMAD RAZALI

PREPARED BY:

NO	NAME	STUDENT ID
1	NUR SYAFIQAH BINTI MAT RADZI	2025107905
2	ALIS ANISSA BT ZULKEFLEE	2025317719
3	SITI NURLIYANA IZZATI BINTI MUHAMAD AZHAN	2021229638
4	NOOR SYAZWANI BINTI AZILAH	2024155087

Table of Contents

1. Introduction	3
2. Project Description.....	3
Key Features	3
3. User Manual	5
Supervisor Module	5
Student Module.....	18
View Folder Attachment	25

1. Introduction

The Final Year Project (FYP) is an important part of a student's study. It requires proper planning, tracking, and communication between students and supervisors. To make this process easier, we developed a web application called FYP Supervision.

FYP Supervision is designed to help manage project progress in a simple and organized way. The system provides features such as registration, login, dashboard, project details, milestones, file upload, and feedback. Students can update their work regularly, while supervisors can monitor progress and give guidance through the system. This project aims to replace manual tracking with a streamlined web solution, ultimately saving time and reducing common communication errors. In conclusion, FYP Supervision is a useful system that supports both students and supervisors in managing the Final Year Project effectively.

2. Project Description

The project is called FYP Supervision, a web-based system created to help manage Final Year Projects. It is designed for students and supervisors to keep all project information in one place. The system provides functions such as registration, login, dashboard, project details, milestones, file upload, and feedback.

Key Features

The system is divided into two main modules to keep tasks organized:

- **Supervisor Module:** Supervisors can register, log in, and monitor their students' projects. They have the authority to assign milestone tasks, edit or delete these tasks, and provide feedback on student work. Once a student finishes their work, the supervisor can mark the project as completed.
- **Student Module:** Students can register and log in to view their project details and track their progress. They can submit tasks assigned by their supervisor, upload project files, and view the feedback given by their supervisor.

The system uses the MVC (Model-View-Controller) framework to keep the code organized and easy to maintain. It is developed using HTML, CSS, JSP, and Java Servlets, with a database to store user accounts, project details, and uploaded files.

Overall, FYP Supervision is a practical tool that supports project management by saving time, reducing confusion, and improving collaboration between students and supervisors.

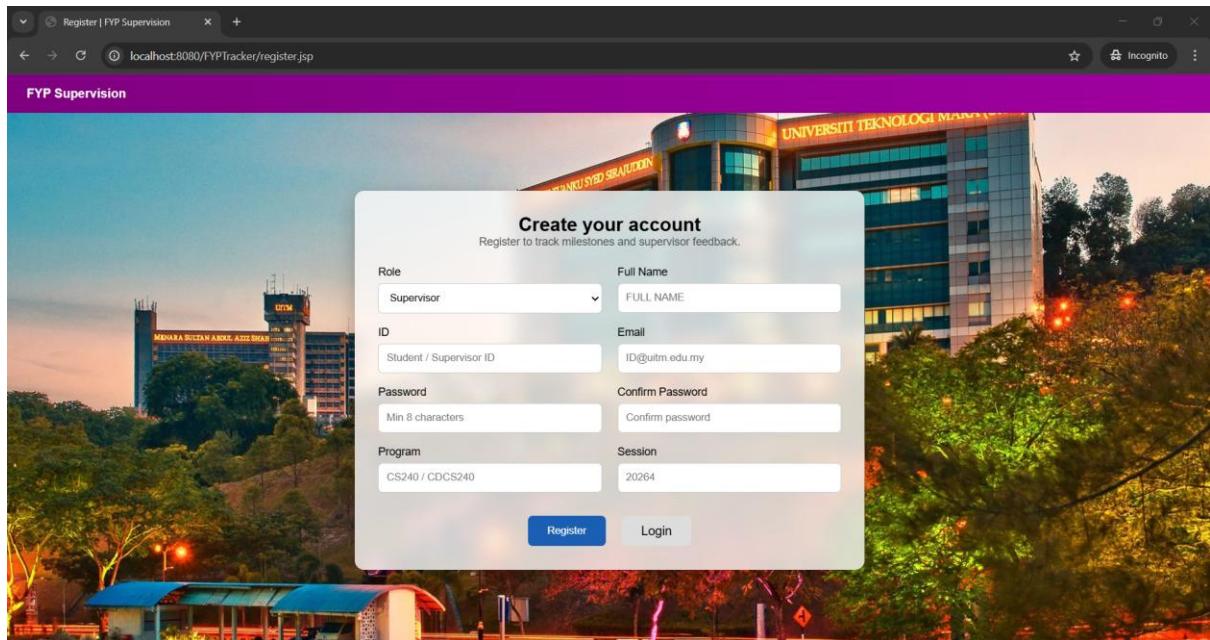
3. User Manual

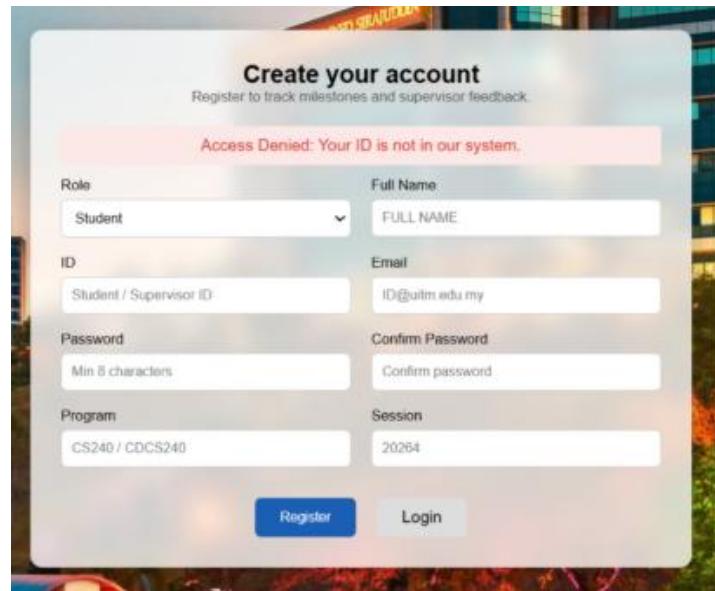
Supervisor Module

Supervisor Registration

To access the system, supervisors must first create an account through the registration page.

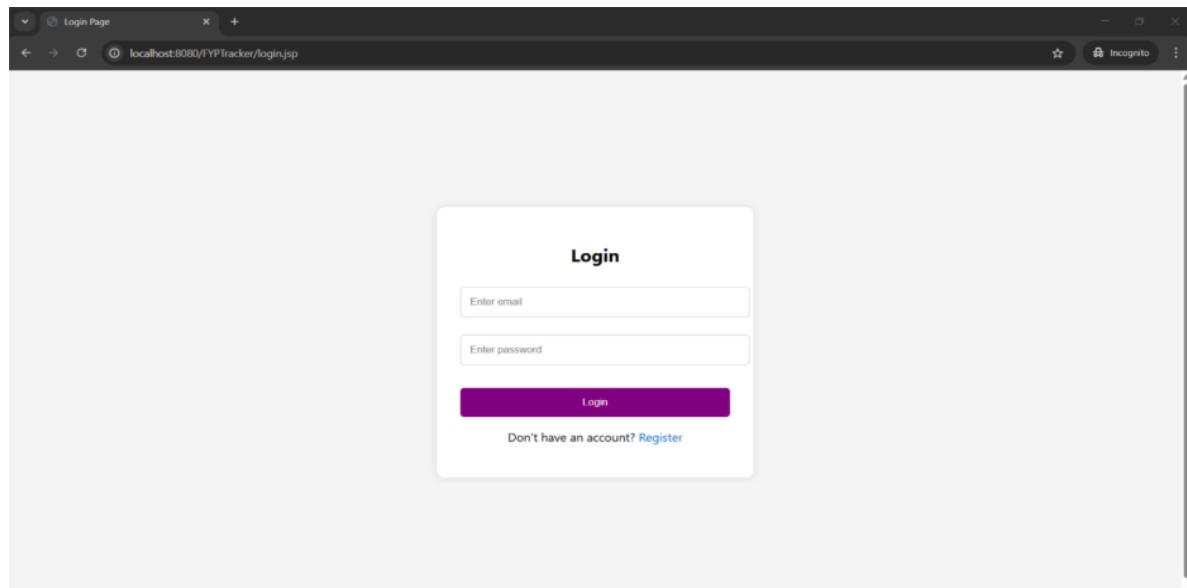
1. Select Role: Users must select "Supervisor" from the Role dropdown menu.
2. Fill in Details: Complete the registration form by entering the following information:
 - Full Name: Your complete official name.
 - ID: Your specific Supervisor ID.
 - Email: Your academic email address.
 - Password: A secure password with a minimum of 8 characters.
3. Submit: Click the "Register" button. Upon a successful registration, the system will automatically redirect you to the Login Page.
4. If an invalid ID is used, the system displays "Access Denied: Your ID is not in our system". The account will not be created, and you must provide a valid ID to proceed.





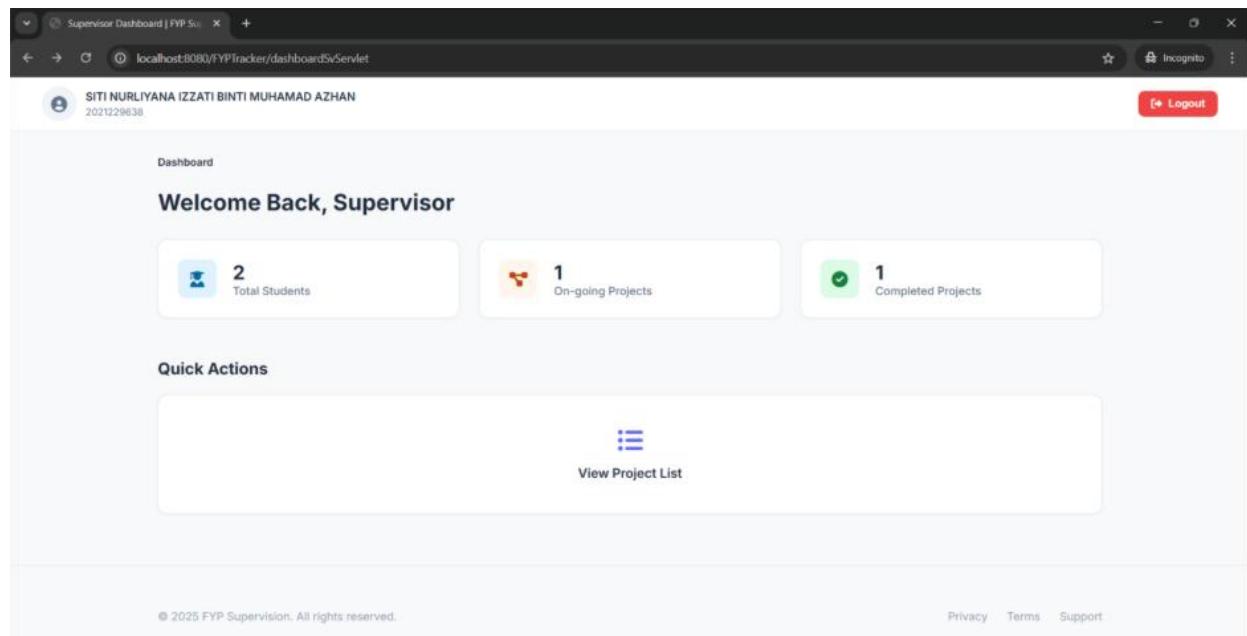
Supervisor Login

1. Navigate to the FYP Supervision login page.
2. To log in, enter your registered supervisor email address and password.
3. Click the “Login” button.
4. If the email and password are correct, you will be redirected to the Supervisor Dashboard.
5. If the details are incorrect, the system will show an error message, and you will need to try again.



Supervisor Dashboard

1. After login, the system will open the Supervisor Dashboard.
2. At the top, you will see a welcome message with your name and ID number.
3. The dashboard provides a summary of:
 - Total Students: The number of students you are supervising.
 - On-going Projects: Projects currently in progress.
 - Completed Projects: Projects that have been finished.
4. In the Quick Actions section, click “View All Task” to view the details of the task assigned by supervisor. This will redirect page Student Milestone Progress.
5. To log out, click Log Out button at the top-right corner of the page.



Supervisor - Project List

This page allows supervisors to manage and track all students assigned to them in one place.

1. View Student List: See a table containing the names, project titles, and sessions of all the assigned students.
2. Check Project Status: Monitor progress using the status labels:
 - On-going: The student is currently working on the project.
 - Completed: The student has successfully finished their FYP.
3. View Project Details: Click "View Project" under the Action column to see the specific task details and milestone progress for that each student. This will redirect to the Supervisor Project Details.
4. Supervisor also can view the total number of students and projects assigned to the supervisor at the top-right of the list.

The screenshot shows a web browser window titled "FYP Supervision | Project List" with the URL "localhost:8080/FYPTracker/ProjectListServlet". The page header includes the user information "SITI NURLIYANA IZZATI BINTI MUHAMAD AZHAN" and the ID "2021229638", along with a "Logout" button. Below the header is a navigation bar with links for "Dashboard" and "Project List". The main content area is titled "Project List" and displays a table with the following data:

NO	STUDENT NAME	PROJECT TITLE	PROGRAM	SESSION	STATUS	ACTION
1	Nur Azlina Binti Abu	Eco System Shop	CDCS240	2025/2026	Completed	View Project
2	Nur Shazleen Binti Shah	AI-Based Smart Tracking	CS240	1/2026	On-going	View Project

Total Students: 2 Total Projects: 2

At the bottom of the page, there is a footer with the copyright notice "© 2025 FYP Supervision. All rights reserved.", and links for "Privacy", "Terms", and "Support".

Supervisor – Project Details

This page displays complete student information and their task progress while serving as the main platform to manage all project milestones

1. At the top of the page shows important details such as the student's name, project name, status (On-going or Completed), and session.
2. If milestones exist, you can:
 - Add new milestones
 - Mark project as completed
 - View submission and add feedback
 - Edit milestone
 - Delete milestones.
3. If no milestones are found, the system will show a message saying, "No milestone found."

The screenshot shows a web browser window titled 'Project Details | FYP Supervision'. The URL is 'localhost:8080/FYPTracker/ProjectDetailsServlet?id=5'. The page header includes a user profile for 'SITI NURLIYANA IZZATI BINTI MUHAMAD AZHAN' and a 'Logout' button. The main content area has a breadcrumb navigation: 'Dashboard / Project List / Project Details'. It displays student details: Name - Nur Shazleen Binti Shah, Project Name - AI-Based Smart Tracking, Project Status - On-going, Session - 1/2026. To the right are two buttons: '+ Add Milestone' (purple) and '✓ Mark Project as Completed' (green). Below this is a section titled 'Milestone Progress' containing a table:

NO	TASK	DESCRIPTION	START DATE	END DATE	STATUS	ACTION
1	Submit Chapter 1	Please prepare chapter 1 based on slides that I have uploaded @ Ufuture	15 Feb 2026, 12:00 AM	17 Feb 2026, 12:00 AM	Pending	View Edit Delete

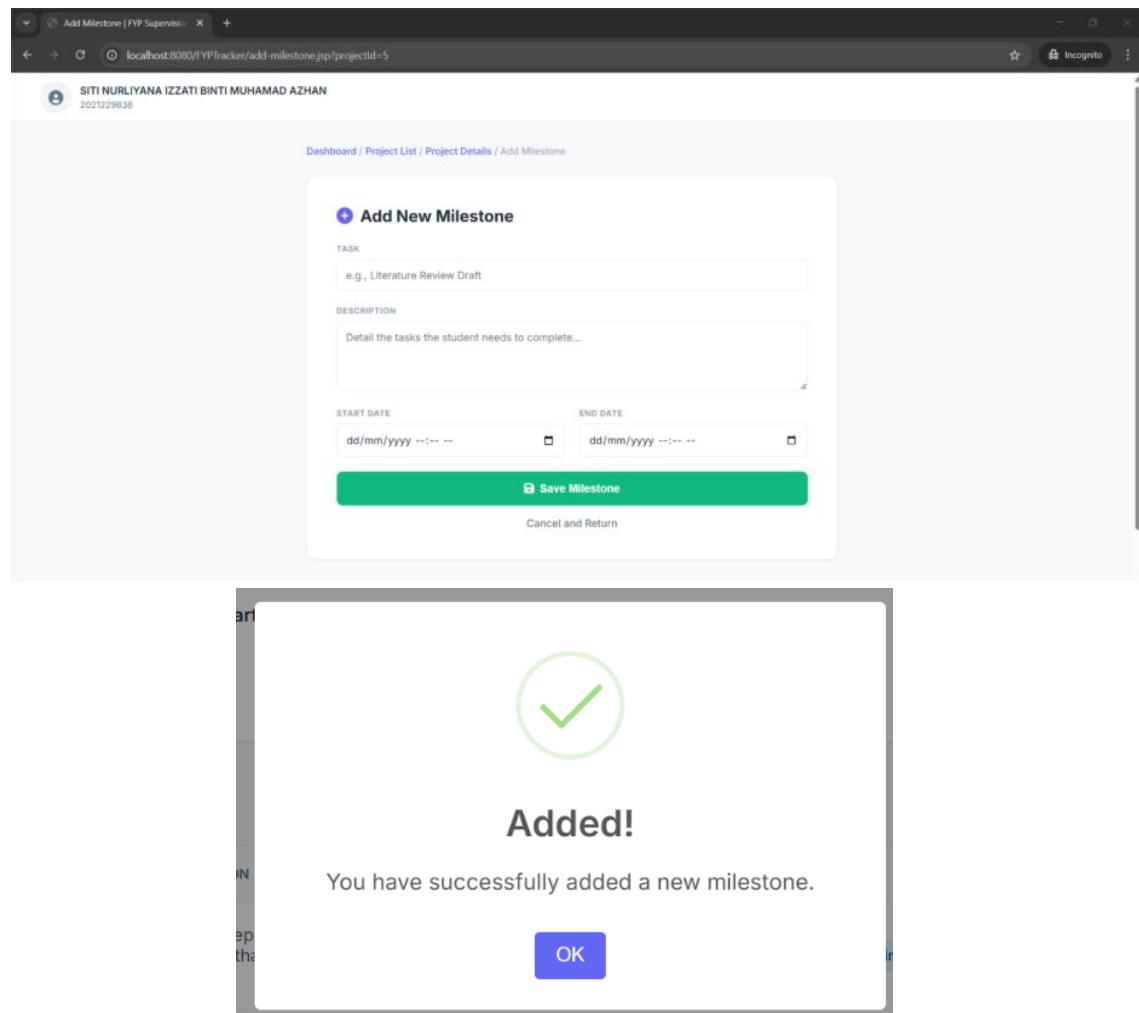
At the bottom of the page, there is a footer with copyright information: '© 2025 FYP Supervision. All rights reserved.' and links to 'Privacy', 'Terms', and 'Support'.

Add new milestones

1. To assigned new task or milestone to student, supervisors can click the + Add Milestone button and enter the details:

- Task name
- Descriptions
- Start dates
- End dates

Click “Save” to record the task and send to student. A message will show once the action has been completed.



The screenshot shows a web browser window titled "Project Details | FYP Supervisor" with the URL "localhost:8080/FYPTracker/ProjectDetailsServlet?id=5". The page displays project details for "SITI NURLIYANA IZZATI BINTI MUHAMAD AZHAN" (ID: 2021229638). The project information includes:

STUDENT NAME	Nur Shazleen Binti Shah
PROJECT NAME	AI-Based Smart Tracking
PROJECT STATUS	On-going
SESSION	1/2026

Buttons for "Add Milestone" and "Mark Project as Completed" are visible. Below this, a section titled "Milestone Progress" lists two tasks:

NO	TASK	DESCRIPTION	START DATE	END DATE	STATUS	ACTION
1	Submit Chapter 1	Please prepare chapter 1 based on slides that I have uploaded @ Ufuture	15 Feb 2026, 12:00 AM	17 Feb 2026, 12:00 AM	Pending	View Edit Delete
2	Redo Chapter 2 (LR Map)	Redo Chapter 2	16 Feb 2026, 02:03 AM	18 Feb 2026, 02:03 AM	Pending	View Edit Delete

At the bottom, there is a copyright notice "© 2025 FYP Supervisor. All rights reserved." and links for "Privacy", "Terms", and "Support".

Mark Project as Completed

1. Click the “✓ Mark Project as Completed” button to officially change the project status once all requirements are met. The project status will change from “On-going” to “Completed.”
2. Once marked as completed, the project will appear under the Completed Projects list in the dashboard and project list.

The screenshot shows a web browser window titled "Project Details | FYP Supervision". The URL is "localhost:8080/FYPTracker/ProjectDetailsServlet?id=5". The page displays student information: STUDENT NAME (Nur Shazleen Binti Shah), PROJECT NAME (AI-Based Smart Tracking), PROJECT STATUS (On-going), and SESSION (1/2026). On the right side, there are two buttons: "+ Add Milestone" (blue) and "✓ Mark Project as Completed" (green). Below this, a section titled "Milestone Progress" lists two tasks:

NO	TASK	DESCRIPTION	START DATE	END DATE	STATUS	ACTION
1	Submit Chapter 1	Please prepare chapter 1 based on slides that I have uploaded @ Ufuture	15 Feb 2026, 12:00 AM	17 Feb 2026, 12:00 AM	Pending	View Edit Delete
2	Redo Chapter 2 (LR Map)	Redo Chapter 2	16 Feb 2026, 02:03 AM	18 Feb 2026, 02:03 AM	Pending	View Edit Delete

At the bottom of the page, there is a copyright notice: "© 2025 FYP Supervision. All rights reserved." and links for "Privacy", "Terms", and "Support".

The screenshot shows the same "Project Details | FYP Supervision" page as above. A modal dialog box is centered on the screen with the message "localhost:8080 says Are you sure you want to mark this project as completed?". It has "OK" and "Cancel" buttons. The background page remains visible, showing the student information and milestone progress table. The "Mark Project as Completed" button is now highlighted in green.

SITI NURLIYANA IZZATI BINTI MUHAMAD AZHAN
2021229638

Logout

Dashboard / Project List

Project List

Total Students: 2 Total Projects: 2

NO	STUDENT NAME	PROJECT TITLE	PROGRAM	SESSION	STATUS	ACTION
1	Nur Azlina Binti Abu	Eco System Shop	CDCS240	2025/2026	Completed	View Project
2	Nur Shazleen Binti Shah	AI-Based Smart Tracking	CS240	1/2026	Completed	View Project

© 2025 FYP Supervision. All rights reserved.

Privacy Terms Support

View submission and add feedback

1. Click “View” button to view the files path and progress updates uploaded by the student. From the same page, supervisors can add feedback and upload file (if any) for students.
2. To add feedback for the selected milestone, enter feedback under the textbox and upload a file (if any). Click “Save Feedback” to save and send to students or “Close” to go back to project details page.

Screenshot of the 'View Project Milestone' page. The URL is localhost:8080/FYPTracker/ViewMilestoneServlet?milestone_id=1. The page displays the following information:

Student Details:
Student Name: Nur Shazleen Binti Shah
Description: Please prepare chapter 1 based on slides that I have uploaded @ Future
Start Date: 2026-02-15 00:00:00.0
End Date: 2026-02-17 00:00:00.0
Status: Submitted
Student Remarks: As per attached. Thanks.

Student Attachment:
View Path
File Location: C:/FYPTrackerFile/StudentSubmission/LABCSC584_1 (2).pdf

Supervisor Feedback:
Good work

Upload Feedback Attachment:
Choose File LABCSC584_9.pdf

Buttons: Save Feedback, Close

Screenshot of the 'Project Details' page. The URL is localhost:8080/FYPTracker/ProjectDetailsServlet?id=5&status=updated. The page displays the following information:

Project Details:
STUDENT NAME: Nur Shazleen Binti Shah
PROJECT NAME: AI-Based Smart Tracking
PROJECT STATUS: On-going
SESSION: 1/2026

Milestone Progress:

NO	TASK	DESCRIPTION	ACTION
1	Submit Chapter 1	Please prepare chapter 1 based on slides that I have uploaded	View Edit Delete
2	Redo Chapter 2 (LR Map)	Redo Chapter 2	View Edit Delete

Action Successful!
The milestone and feedback have been updated.
OK

© 2025 FYP Supervision. All rights reserved. Privacy Terms Support

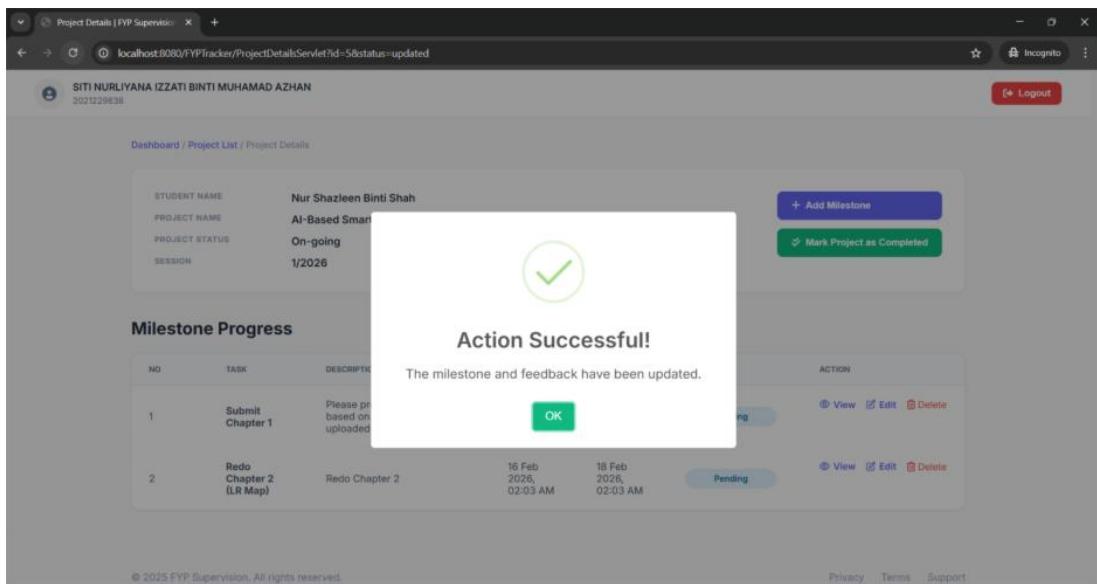
Edit milestone

1. Click “Edit” button to edit the task name or change the start and end dates if the project schedule changes. The Edit Milestone page will open, showing the current details:
 - Task Name – the title of the milestone.
 - Description – details about the task.
 - Start Date and Time – when the milestone begins.
 - End Date and Time – when the milestone should be finished.
2. Make the necessary changes to the fields.
3. Click Update Changes to save the new details.
4. If you do not want to continue, click Cancel and Return to go back without saving.

The screenshot shows a web browser window titled 'Edit Milestone | FYP Tracker'. The URL in the address bar is 'localhost:8080/FYPTracker/UpdateMilestoneServlet?milestoneId=1'. The page header displays the user's name 'SITI NURLIYANA IZZATI BINTI MUHAMAD AZHAN' and the session ID '2021229038'. The main content area is a form titled 'Edit Milestone'. It contains the following fields:

- TASK TITLE:** A text input field containing 'Submit Chapter 1'.
- DESCRIPTION:** A text area containing the instruction 'Please prepare chapter 1 based on slides that I have uploaded @ Ufuture'.
- START DATE & TIME:** A date and time picker set to '15/02/2026 12:00 AM'.
- END DATE & TIME:** A date and time picker set to '17/02/2026 12:00 AM'.

A large blue button at the bottom of the form is labeled 'Update Changes'. Below the button, there is a link 'Cancel and Return'.



Delete milestone

1. Click “Delete” button in the action column from Project Details page to delete the existing milestone.
2. A confirmation box will appear asking: “*Are you sure you want to delete this milestone?*”
3. Click OK to confirm and remove the milestone.
4. If you do not want to continue, click Cancel to keep the milestone.

The screenshot shows a web browser window titled "Project Details | FYP Supervision". The URL is "localhost:8080/FYPTracker/ProjectDetailsServlet?id=5". The page displays project details for "SITI NURLIYANA IZZATI BINTI MUHAMAD AZHAN" (ID: 2021229638). Below the details is a "Milestone Progress" table with three rows. A confirmation dialog box is overlaid on the page, asking "Are you sure you want to delete this milestone?". The dialog has "OK" and "Cancel" buttons. The table data is as follows:

NO	TASK	DESCRIPTION	START DATE	END DATE	STATUS	ACTION
1	Submit Chapter 1	Please prepare chapter 1 based on slides that I have uploaded @ Ufuture	15 Feb 2026, 12:00 AM	17 Feb 2026, 12:00 AM	Pending	View Edit Delete
2	Redo Chapter 2 (LR Map)	Redo Chapter 2	16 Feb 2026, 02:03 AM	18 Feb 2026, 02:03 AM	Pending	View Edit Delete
3	test	test	16 Feb 2026, 01:26 PM	19 Feb 2026, 01:26 PM	Pending	View Edit Delete

The screenshot shows the same web browser window after the milestone has been deleted. The confirmation dialog is no longer present. The "Milestone Progress" table now only contains two rows:

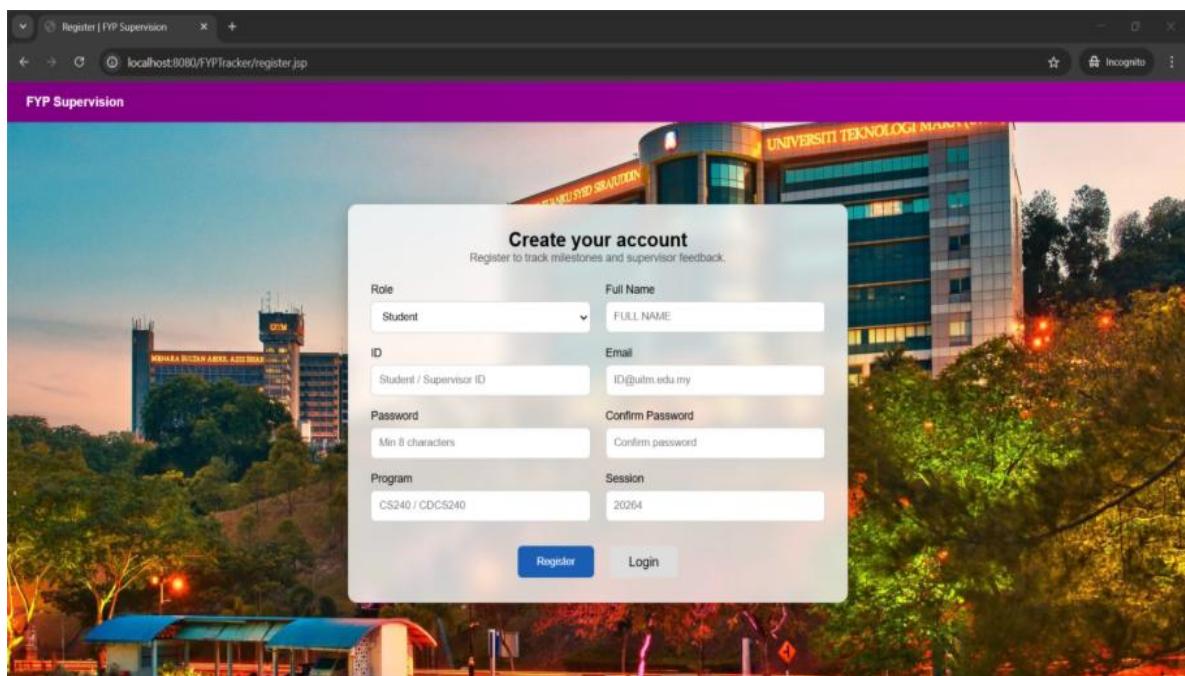
NO	TASK	DESCRIPTION	START DATE	END DATE	STATUS	ACTION
1	Submit Chapter 1	Please prepare chapter 1 based on slides that I have uploaded @ Ufuture	15 Feb 2026, 12:00 AM	17 Feb 2026, 12:00 AM	Pending	View Edit Delete
2	Redo Chapter 2 (LR Map)	Redo Chapter 2	16 Feb 2026, 02:03 AM	18 Feb 2026, 02:03 AM	Pending	View Edit Delete

Student Module

Student registration

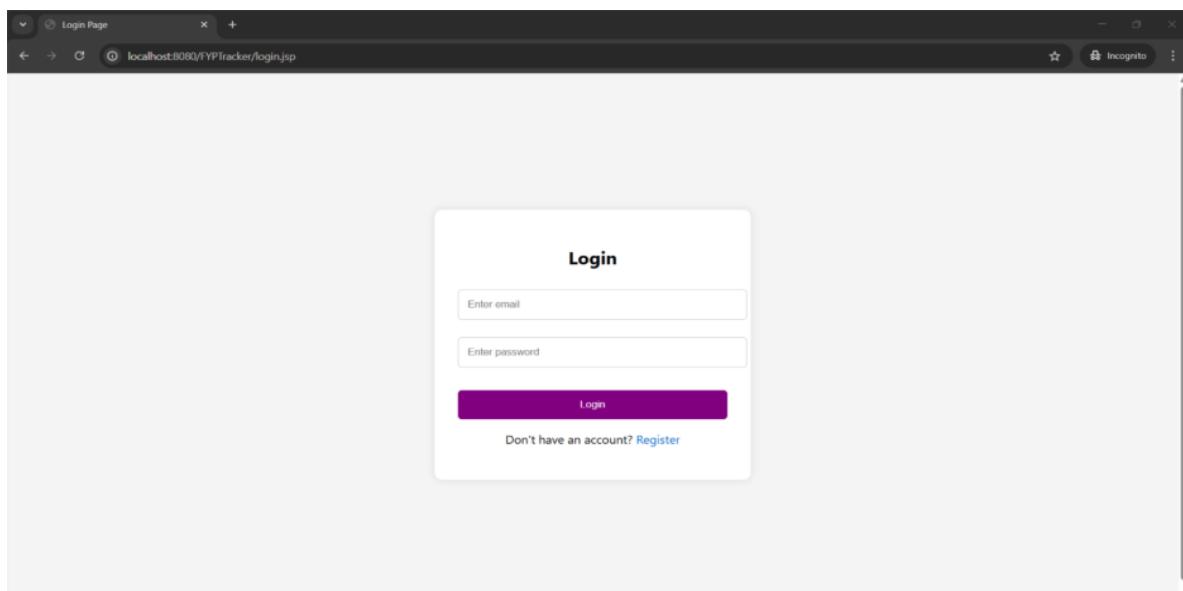
To access the system, student must first create an account through the registration page.

1. Select Role: Users must select "Student" from the Role dropdown menu.
2. Fill in Details: Complete the registration form by entering the following information:
 - Full Name: Student full name.
 - ID: Student ID.
 - Email: Student email address.
 - Password and password confirmation: A secure password with a minimum of 8 characters
 - Program: Course program such as CS240
 - Session: Semester session such as 2025/2025
3. Submit: Click the "Register" button. Upon a successful registration, the system will automatically redirect you to the Login Page.
4. If an invalid ID is used, the system displays "Access Denied: Your ID is not in our system". The account will not be created, and you must provide a valid ID to proceed



Student Login

1. Navigate to the FYP Supervision login page.
2. To log in as student, enter your registered student email address and password.
3. Click the “Login” button.
4. If the email and password are correct, you will be redirected to the Supervisor Dashboard.
6. If the details are incorrect, the system will show an error message, and you will need to try again.



Student Dashboard

1. After login, the system will open to the Dashboard Student.
2. At the top, you will see a welcome message with student name, student ID, project title, supervisor, and session.
3. In the Important Dates section, you can view upcoming deadlines such as report submission and presentation week.
4. In the Project Status section provides summary of:
 - Total tasks
 - Pending tasks
 - Completed tasks
5. Click “View All Tasks” to see full details of the task assigned by supervisor. This will redirect page Student Milestone Progress.
6. To log out, click Log Out button at the top-right corner of the page.

The screenshot shows the FYP Supervision - Student Dashboard interface. At the top, there is a header bar with the title "FYP Supervision - Student Dash" and a "Logout" button. Below the header, the user information "Nur Shazleen Binti Shah" and "2020123456" is displayed. The dashboard is divided into several sections:

- Project Overview:** Displays the project title "AI-Based Smart Tracking", supervisor "SITI NURLIYANA IZZATI BINTI MUHAMAD AZHAN", and session "1/2026".
- Project Status:** Shows three status boxes: "Total Tasks" (2), "Pending Tasks" (2), and "Submitted Tasks" (0). A "View All Tasks" button is located below these boxes.
- Important Dates:** A section titled "Upcoming" lists two events:
 - 01 Feb**: Final submission of FYP report. Description: Submit the comprehensive project documentation to UFuture.
 - 03 - 07 Feb**: Final Year Project Presentation Week. Description: Students will present their FYP outcomes and demonstrate key deliverables to assessors.

© 2025 FYP Supervision. All rights reserved.

[Privacy](#) [Terms](#) [Support](#)

Student Milestones

1. This page displays all milestones details of task assigned by supervisors such as

- Task
- Description
- Start Date
- End Date
- Status (Pending, Submitted)

2. For each milestone, you can:

- Upload submission
- View supervisor feedback

The screenshot shows a web browser window titled 'FYP Supervision - Student Dash'. The address bar indicates the URL is 'localhost:8080/FYPTracker/MilestoneStdServlet'. The user is logged in as 'Nur Shazleen Binti Shah' with ID '2020123456'. The dashboard has a 'Logout' button. Below the header, there are links for 'Dashboard' and 'Milestones'. A section titled 'Milestone Progress' displays tasks: 'Submit Chapter 1' (Pending) and 'Redo Chapter 2 (LR Map)' (Pending). At the bottom, there are copyright information ('© 2025 FYP Supervision. All rights reserved.'), privacy links ('Privacy', 'Terms', 'Support'), and a footer.

No	Task	Description	Start Date	End Date	Status	Upload	View Feedback
1	Submit Chapter 1	Please prepare chapter 1 based on slides that I have uploaded @ Ufuture	2026-02-15 00:00:00.0	2026-02-17 00:00:00.0	Pending	Upload	View Feedback
2	Redo Chapter 2 (LR Map)	Redo Chapter 2	2026-02-16 02:03:00.0	2026-02-18 02:03:00.0	Pending	Upload	View Feedback

Upload submission

1. From the Student milestones, find the milestones and click “Upload” button
2. On the Upload your file page, you can:
 - Drag and drop a file into the upload area, or
 - Click Browse files to select a file from your device.
3. In the Remarks box, students can add notes or context about the file (optional).
4. Click Submit to upload the file.
5. If you change your mind, click Cancel to stop the upload.
6. After you successfully submitted the task, the status will change from “Pending” to “Submitted”.

Upload your file

Drag and drop a file into the area below or click the browse button to select from your device.

File

↑
Drag & drop your file here
or
[Browse files](#)

Selected file: LABCSC584_1 (2).pdf

Remarks

As per attached. Thanks.

[Cancel](#) [Submit](#)

No	Task	Description	Start Date	End Date	Status	Upload	View Feedback
1	Submit Chapter 1	Please prepare chapter 1 based on slides that I have uploaded @ Ufuture	2026-02-15 00:00:00.0	2026-02-17 00:00:00.0	Submitted	Upload	View Feedback
2	Redo Chapter 2 (LR Map)	Redo Chapter 2	2026-02-16 02:03:00.0	2026-02-18 02:03:00.0	Pending	Upload	View Feedback

View supervisor feedback

1. From the Student milestones, find the milestones and click “View feedback” button
2. The page will show feedback from your supervisor for each task.
3. If feedback is available, you will see:
 - The task name.
 - The supervisor’s comments.
 - Attachments (if uploaded by the supervisor).
4. If no feedback is provided yet, the page will show a message saying there is no feedback.
5. Students should check feedback regularly to make improvements.

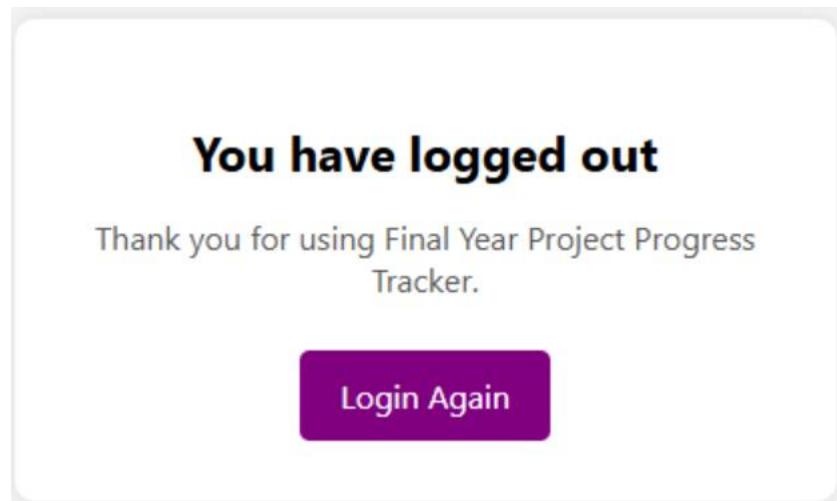
The screenshot shows a web browser window for the FYP Supervision - Student Dashboard. The URL is localhost:8080/FYPTracker/feedbackServlet?milestone_id=1. The page displays a "Supervisor Feedback" box for a task titled "Submit Chapter 1". The feedback message is "Good work". A note states "Attachments are only available if uploaded by supervisor." A blue "View Attachment" button is present, and below it, the file path is listed as "File Path: C:/FYPTrackerFile/1771220403279_LABCSC584_9.pdf". The dashboard navigation bar at the top includes links for "Logout", "Incognito", and other system links. The main navigation bar below the dashboard shows "Dashboard / Milestones / Feedback".

© 2025 FYP Supervision. All rights reserved.

[Privacy](#) [Terms](#) [Support](#)

Log out

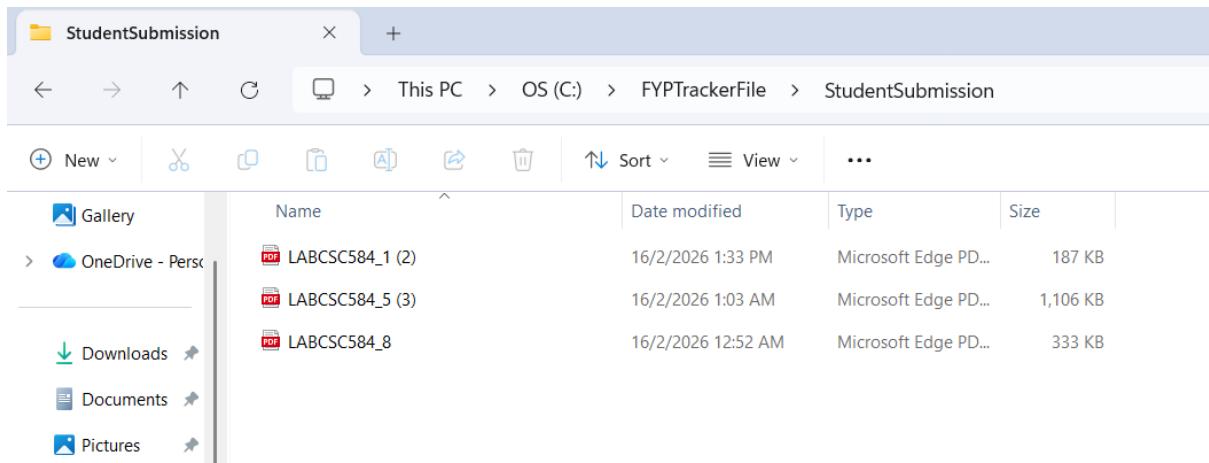
1. Click the Logout button at the top of the page.
2. The system will display pop-up “Thank you for using Final Year Project Progress Tracker”
3. If you want to log in again, click the Login Again button.



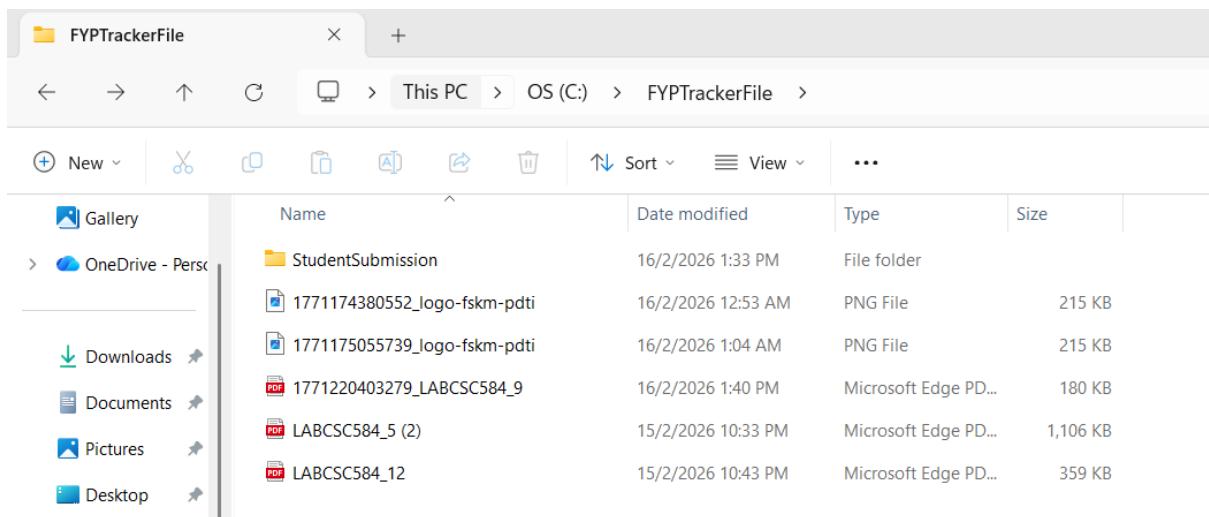
View Folder Attachment

To view folder attachment,

1. For Supervisor to view submission attachment, users must go to C > FYPTrackerFile > StudentSubmission.



2. For Student to view attachment from Supervisor's feedback, users must go to C > FYPTrackerFile.



4. Conclusion

The Final Year Project (FYP) system makes it easier for students and supervisors to manage projects. It gives clear steps for logging in, viewing dashboards, checking project lists, adding milestones, uploading files, giving feedback, and logging out. Each part of the system has a purpose: students can track their work and supervisors can monitor progress.

The system uses simple web tools like HTML, CSS, JSP, and databases to make it easy to use. Dashboards give quick overviews, project lists show all projects, milestones break tasks into smaller parts, and feedback helps students improve. File upload and logout functions make the system complete and safe.

In conclusion, this system saves time, reduces confusion, and improves communication between students and supervisors. It helps projects stay organized and ensures that deadlines are met. The FYP system is a useful tool that supports the success of Final Year Projects in a clear and effective way.