

PART A : STUDENT INFORMATION

STUDENT INFORMATION	
Name	MUHAMMAD AMEERUL IMAN BIN SHAMSUL KAMAL
Matrik No.	DI220104
Faculty	FAKULTI SAINS KOMPUTER DAN TEKNOLOGI MAKLUMAT
Programme	SARJANA MUDA TEKNOLOGI MAKLUMAT DENGAN KEPUJIAN
Current Address	NO.6, LORONG INDAH 1, TAMAN KARAK INDAH, 28600, KARAK , PAHANG KARAK 28600 PAHANG MALAYSIA
Email / HP	DI220104@siswa.uthm.edu.my /



BENEFICIARY INFORMATION	
Beneficiary Name	ROZAH BT BADRUN
Relationship	AUNTY
Address	NO. 13, JLN MANIS 17, TAMAN MANIS 2, 86400 PARIT RAJA, JOHOR
Home Num.	
Mobile Num.	0166215537

PART B : COMPANY INFORMATION

COMPANY INFORMATION	
Company Name	ABEDEEN ACADEMY INTERNATIONAL & PRIVATE SCHOOLS
Company Address	1-07, THE PROMENADE, JALAN GR5/1 GARDEN RESIDENSI, CYBER3, CYBERJAYA 63000 SELANGOR MALAYSIA 63000 CYBERJAYA SELANGOR,MALAYSIA
Tel	0192262197
Fax	
Supervisor Name	NUHA ABDULRAHMAN
HP	0192260950
Tel. Office	0386876999
Position	NUHA ABDULRAHMAN
Training Period	24 WEEKS
From - To	04 AUGUST 2025 - 16 JANUARY 2026

PART C: DAILY ACTIVITY REPORT

WEEK 1			
#.	Date	Daily Activity	Time Taken (Hours)
1.	04/08/2025	learn to use team viewer	2
2.	04/08/2025	company briefing	2
3.	04/08/2025	making slide video	2
4.	04/08/2025	get to know about job scope	2
5.	05/08/2025	making slide video about update plan	4
6.	05/08/2025	learn all it device in the building	4
7.	06/08/2025	upload video to the tv around the school	2
8.	06/08/2025	create certificate template	2
9.	06/08/2025	project discussion for mini project	1
10.	06/08/2025	create video for advertisement	3
11.	07/08/2025	discuss about mini project with sv	1
12.	07/08/2025	make system sketch about mini project	3
13.	07/08/2025	create planning for mini project	4
14.	08/08/2025	making the sketch high fidelity for mini project	4
15.	08/08/2025	create media for advertisement	4

PART D: WEEKLY ACTIVITY REPORT

Work Summary / Daily Activity	During the internship, tasks included familiarization with tools, project planning, content creation, and technical support. The first day involved learning to use TeamViewer, attending a company briefing, creating slide videos, and understanding the job scope. The following days focused on producing and updating slide videos, learning about IT devices in the building, and uploading videos to TVs around the school. Creative tasks included designing certificate templates, creating advertisement videos, and preparing media content. There were also several project-related activities such as discussions with the supervisor, sketching system designs, planning, and developing high-fidelity sketches for the mini project.
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INSTRUCTION FOR SUPERVISOR

Please confirm the student activity report on the related Week 1 before making evaluation and comments.
Tick (✓) on the appropriate checkbox :

WEEKLY EVALUATION BY INDUSTRIAL SUPERVISOR			
Performance and student report are : <input type="checkbox"/> Very Unsatisfied <input type="checkbox"/> Unsatisfied <input type="checkbox"/> Satisfied <input type="checkbox"/> Good <input checked="" type="checkbox"/> Very Good		Supervisor Signature 	
		Name NUHA ABDULRAHMAN	
		Position and Company Stamp 	
		Date 08/08/2025	
Comments :	Ameerul has demonstrated a strong capacity for quickly learning new tools (TeamViewer) and adapting to a varied job scope. The ability to manage both creative content creation (videos, advertisements, certificates) and essential project planning tasks (system sketching, high-fidelity design) is highly commendable. Proactivity and initiative in engaging with the mini project are notable. The student is on track for a successful placement		

PART C: DAILY ACTIVITY REPORT

WEEK 2			
#.	Date	Daily Activity	Time Taken (Hours)
1.	11/08/2025	discuss with HOD IT about website	2
2.	11/08/2025	designing mini project	2
3.	11/08/2025	creating media for advertisement	4
4.	12/08/2025	input data to the system (data entry)	4
5.	12/08/2025	create database mini project	4
6.	13/08/2025	continue designing project	4
7.	13/08/2025	data entry	4
8.	14/08/2025	edit media video	2
9.	14/08/2025	edit database mini project	4
10.	14/08/2025	making research about mini project	2
11.	15/08/2025	configuring the problem mini project code	4
12.	15/08/2025	edit media video	4

PART D: WEEKLY ACTIVITY REPORT

Work Summary / Daily Activity	During the week of August 11th to August 15th, 2025, my work schedule was consistently eight hours each day, with a focus on a few key areas. I dedicated a significant amount of time to a mini project, which involved designing, researching, and configuring its code, as well as creating and editing its database. I also handled media and website-related tasks, including a discussion about a website and both creating and editing media videos. Additionally, I performed two separate data entry tasks.
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INSTRUCTION FOR SUPERVISOR

Please confirm the student activity report on the related Week 2 before making evaluation and comments.
Tick (✓) on the appropriate checkbox :

WEEKLY EVALUATION BY INDUSTRIAL SUPERVISOR			
Performance and student report are : <input type="checkbox"/> Very Unsatisfied <input type="checkbox"/> Unsatisfied <input type="checkbox"/> Satisfied <input type="checkbox"/> Good <input checked="" type="checkbox"/> Very Good		Supervisor Signature 	
		Name NUHA ABDURAHMAN	
		Position and Company Stamp 	
		Date 15/08/2025	
Comments :	Ameerul had an exceptionally productive week. The student demonstrated strong technical depth by successfully advancing the mini project through core development stages, including design, database work, and initial code configuration. The focus, self-direction, and ability to handle both complex project tasks and operational duties (data entry, media editing) are highly commendable. Excellent progress		

PART C: DAILY ACTIVITY REPORT

WEEK 3			
#.	Date	Daily Activity	Time Taken (Hours)
1.	18/08/2025	Uploaded advertisement content to school TV system	2
2.	18/08/2025	Designed media advertisement poster for school TV	2
3.	18/08/2025	Set up PHP environment and project folder	2
4.	18/08/2025	Created registration form structure in registration.php	2
5.	19/08/2025	Edited school announcement video for TV display	2
6.	19/08/2025	Scheduled video advertisement playback around the school	2
7.	19/08/2025	Tested admin registration and debugged errors	2
8.	19/08/2025	Developed register_admin.php form and linked with database	2
9.	20/08/2025	Uploaded poster to school TV display system	2
10.	20/08/2025	Designed login.php UI with username & password fields	2
11.	20/08/2025	Prepared daily school event announcement poster	2
12.	20/08/2025	Added authentication logic and session handling	2
13.	21/08/2025	Coordinated with school staff on TV advertisement schedule	2
14.	21/08/2025	Retested full registration and login process	2
15.	21/08/2025	Designed new layout for TV media content	2
16.	21/08/2025	Implemented form validation and password hashing	2
17.	22/08/2025	Fixed database integration issues	2
18.	22/08/2025	Checked and confirmed TV display functionality	2
19.	22/08/2025	Updated TV advertisement playlist for the weekend	2
20.	22/08/2025	Linked login system to dashboard with role-based access	2

PART D: WEEKLY ACTIVITY REPORT

Work Summary / Daily Activity	During the week of August 18th to August 22nd, 2025, my work schedule consisted of a consistent eight hours each day, with my time split between two main projects. A significant portion of my time was spent on the school TV system, which involved uploading and designing content, editing and scheduling videos, and coordinating with school staff on advertisement schedules. At the same time, I began a new project to create a login and registration system, which included setting up the PHP environment, developing forms, adding authentication logic, debugging errors, and implementing password hashing.
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INSTRUCTION FOR SUPERVISOR

Please confirm the student activity report on the related Week 3 before making evaluation and comments.
Tick (✓) on the appropriate checkbox :

WEEKLY EVALUATION BY INDUSTRIAL SUPERVISOR			
Performance and student report are : <input type="checkbox"/> Very Unsatisfied <input type="checkbox"/> Unsatisfied <input type="checkbox"/> Satisfied <input type="checkbox"/> Good <input checked="" type="checkbox"/> Very Good		Supervisor Signature 	
		Name NUHA ABDURAHMAN	
		Position and Company Stamp 	
		Date 22/08/2025	
Comments :	Ameerul maintained an outstanding level of performance this week. The student demonstrated strong technical growth by successfully managing two demanding project streams simultaneously: advancing the media system and implementing a robust login and registration system with security features like password hashing. This shows excellent multitasking, initiative, and technical proficiency		

PART C: DAILY ACTIVITY REPORT

WEEK 4			
#.	Date	Daily Activity	Time Taken (Hours)
1.	25/08/2025	uploaded banner to school TV display system	2
2.	25/08/2025	Applied responsive CSS for better mobile view	2
3.	25/08/2025	Created media advertisement banner for upcoming school event	2
4.	25/08/2025	Improved registration & login UI design	2
5.	26/08/2025	Scheduled video playback on school TV	2
6.	26/08/2025	Edited short promotional video for school programs	2
7.	26/08/2025	Added JavaScript validation for registration form	2
8.	26/08/2025	Implemented password strength checker	2
9.	27/08/2025	Updated SQL queries for better performance	2
10.	27/08/2025	Integrated registration system with school staff database	2
11.	27/08/2025	Uploaded and tested slideshow display	2
12.	27/08/2025	Prepared slideshow presentation for school TV	2
13.	28/08/2025	Secured PHP forms using prepared statements	2
14.	28/08/2025	Designed event countdown timer graphics for TV display	2
15.	28/08/2025	Set up automatic TV display schedule for event countdown	2
16.	28/08/2025	Added duplicate email & username checking	2
17.	29/08/2025	Retested login and session management	2
18.	29/08/2025	Created weekend announcement template for TV	2
19.	29/08/2025	Added "Remember Me" feature and logout function	2
20.	29/08/2025	Uploaded and tested template display	2

PART D: WEEKLY ACTIVITY REPORT

Work Summary / Daily Activity	During the week of August 25th to August 29th, 2025, my work schedule continued to be a consistent eight hours each day, as I focused on refining my two primary projects. For the school TV display system, I uploaded and tested banners and slideshows, scheduled video playback, and designed countdown timer graphics. Simultaneously, I made significant progress on the registration and login system, which included improving the UI, adding robust features like JavaScript validation, a password strength checker, and duplicate email/username checking, and integrating it with the school's staff database. I also spent time securing PHP forms and re-testing the system's functionality.
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INSTRUCTION FOR SUPERVISOR

Please confirm the student activity report on the related Week 4 before making evaluation and comments.
Tick (✓) on the appropriate checkbox :

WEEKLY EVALUATION BY INDUSTRIAL SUPERVISOR			
Performance and student report are : <input type="checkbox"/> Very Unsatisfied <input type="checkbox"/> Unsatisfied <input type="checkbox"/> Satisfied <input type="checkbox"/> Good <input checked="" type="checkbox"/> Very Good		Supervisor Signature 	
		Name NUHA ABDURAHMAN	
		Position and Company Stamp 	
		Date 29/08/2025	
Comments :	Ameerul delivered an excellent week of work. The student secured and refined the registration/login system by implementing prepared statements, strength checks, and database integration. Consistent, high-quality output on the media system was also maintained. Exceptional attention to detail and technical hardening		

PART C: DAILY ACTIVITY REPORT

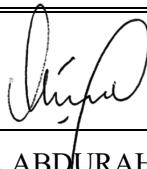
WEEK 5			
#.	Date	Daily Activity	Time Taken (Hours)
1.	01/09/2025	Continued developing register_admin.php by adding role-based permissions	2
2.	01/09/2025	Designed Monday school announcement poster for TV display	2
3.	01/09/2025	Updated database structure to support multiple user levels	2
4.	01/09/2025	Uploaded poster and verified correct display on school TVs	2
5.	02/09/2025	Scheduled video for TV playback across the school	2
6.	02/09/2025	Worked on improving form validation in registration.php	2
7.	02/09/2025	Debugged user registration issues related to database connection	2
8.	02/09/2025	Recorded and edited a short school highlight video	2
9.	03/09/2025	Designed student activities poster for midweek school updates	2
10.	03/09/2025	Started refining login.php authentication logic for better security	2
11.	03/09/2025	Added preliminary code for account lockout after failed logins	2
12.	03/09/2025	Uploaded poster to TV display system and tested playback	2
13.	04/09/2025	Implemented password encryption enhancements in registration.php	2
14.	04/09/2025	Scheduled teaser video on school TV for automatic display	2
15.	04/09/2025	Reviewed and optimized SQL queries for faster system performance	2
16.	04/09/2025	Edited teaser video for upcoming school event	2
17.	05/09/2025	Continued coding session handling for login.php and register_admin.php	2
18.	05/09/2025	Fixed bugs related to inconsistent user login sessions	2
19.	05/09/2025	Uploaded poster and verified layout on TV display	2
20.	05/09/2025	Designed weekend school announcement poster	2

PART D: WEEKLY ACTIVITY REPORT

Work Summary / Daily Activity	During the week of September 1st to September 5th, 2025, my daily work schedule remained at a consistent eight hours, as I focused on finalizing two major projects. I continued to refine the login and registration system by adding advanced security features, including role-based permissions, password encryption, and account lockout after failed login attempts. I also worked on improving its performance by updating the database structure and optimizing SQL queries. Simultaneously, I created and managed content for the school TV display system, which involved designing and uploading various announcement posters and editing and scheduling different videos.
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INSTRUCTION FOR SUPERVISOR

Please confirm the student activity report on the related Week 5 before making evaluation and comments.
Tick (✓) on the appropriate checkbox :

WEEKLY EVALUATION BY INDUSTRIAL SUPERVISOR			
Performance and student report are : <input type="checkbox"/> Very Unsatisfied <input type="checkbox"/> Unsatisfied <input type="checkbox"/> Satisfied <input type="checkbox"/> Good <input checked="" type="checkbox"/> Very Good		Supervisor Signature 	
		Name NUHA ABDURAHMAN	
		Position and Company Stamp 	
		Date 05/09/2025	
Comments :	Ameerul had a highly productive week, finalizing the system by implementing advanced security features (e.g., role-based permissions, account lockout, encryption) and performing SQL optimization. This demonstrates an excellent understanding of secure and high-performance development. Outstanding technical refinement and consistent media management		

PART C: DAILY ACTIVITY REPORT

WEEK 6			
#.	Date	Daily Activity	Time Taken (Hours)
1.	08/09/2025	<ul style="list-style-type: none"> - Performed staff data entry into the system. - Assisted in preparing TV display content. - Worked on updating slides for internal use. - Continued reviewing progress of assigned project tasks. 	8
2.	09/09/2025	<ul style="list-style-type: none"> - Updated and keyed in additional staff details. - Assisted in checking and testing TV display setup. - Edited and improved presentation slides. - Reviewed and refined project scope with minor adjustments. 	8
3.	10/09/2025	<ul style="list-style-type: none"> - Continued data entry of staff information. - Updated and monitored TV and slide content. - Tested display arrangement for clarity. - Made progress on project documentation. 	8
4.	11/09/2025	<ul style="list-style-type: none"> - learning JavaScript fundamentals. - Started exploring React framework and its component-based structure. - Introduction to Next.js framework and its key features (SSR, routing). 	8
5.	12/09/2025	<ul style="list-style-type: none"> - Studied integration of Next.js with Directus as a headless CMS. - Practiced building simple components in React. - Hands-on trial connecting frontend (React/Next.js) with backend data from Directus. 	8

PART D: WEEKLY ACTIVITY REPORT

Work Summary / Daily Activity	During the week of 08/09/2025 to 12/09/2025, I was involved in several administrative and technical tasks, including performing staff data entry, updating internal slides, assisting in preparing and testing TV display content, and refining project documentation and scope. Alongside these tasks, I also focused on technical learning, starting with JavaScript fundamentals and progressing to React and Next.js frameworks, where I explored their core features, built simple components, and studied integration with Directus as a headless CMS, applying this knowledge through hands-on practice of connecting frontend and backend data.
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INSTRUCTION FOR SUPERVISOR

Please confirm the student activity report on the related Week 6 before making evaluation and comments.
Tick (✓) on the appropriate checkbox :

WEEKLY EVALUATION BY INDUSTRIAL SUPERVISOR		
Performance and student report are : <input type="checkbox"/> Very Unsatisfied <input type="checkbox"/> Unsatisfied <input type="checkbox"/> Satisfied <input type="checkbox"/> Good <input checked="" type="checkbox"/> Very Good	Supervisor Signature	
	Name	NUHA ABDURAHMAN
	Position and Company Stamp	
	Date	12/09/2025
Comments :	Ameerul had an excellent week. The student successfully managed administrative duties (data entry, TV content) while demonstrating exceptional initiative by quickly learning and applying React, Next.js, and Directus CMS. This technical drive is highly valued. Outstanding contribution and self-development	

PART C: DAILY ACTIVITY REPORT

WEEK 7			
#.	Date	Daily Activity	Time Taken (Hours)
1.	17/09/2025	<ul style="list-style-type: none"> - Explored more advanced Next.js features (API routes, dynamic routing). - Learned about state management in React (useState, useEffect). - Experimented with fetching and displaying data from Directus in Next.js pages. 	8
2.	18/09/2025	<p>Designed initial database schema for form management.</p> <p>Reviewed how to connect Next.js with MySQL.</p> <p>Planned folder structure for backend API routes.</p>	8
3.	19/09/2025	<p>Created local database in phpMyAdmin for testing.</p> <p>Inserted sample forms with department field for sorting.</p> <p>Tested data retrieval using simple SQL queries.</p>	8

PART D: WEEKLY ACTIVITY REPORT

Work Summary / Daily Activity	From 17/09/2025 to 19/09/2025, I focused on deepening my technical knowledge and practical skills. I explored advanced features of Next.js, including API routes and dynamic routing, while also learning about state management in React using hooks such as useState and useEffect. I practiced fetching and displaying data from Directus in Next.js pages and began planning the backend structure by designing an initial database schema for form management, reviewing connections between Next.js and MySQL, and outlining the folder structure for API routes. Additionally, I created a local database in phpMyAdmin for testing purposes, inserted sample forms with department fields to enable sorting, and successfully tested data retrieval through simple SQL queries.
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INSTRUCTION FOR SUPERVISOR

Please confirm the student activity report on the related Week 7 before making evaluation and comments.
Tick (✓) on the appropriate checkbox :

WEEKLY EVALUATION BY INDUSTRIAL SUPERVISOR			
Performance and student report are :		Supervisor Signature	
<input type="checkbox"/> Very Unsatisfied <input type="checkbox"/> Unsatisfied		Name	NUHA ABDURAHMAN
<input type="checkbox"/> Satisfied <input type="checkbox"/> Good		Position and Company Stamp	
<input checked="" type="checkbox"/> Very Good		Date	19/09/2025
Comments :	Ameerul demonstrated exceptional technical focus this week. The student successfully mastered advanced features of Next.js and React (API routes, state management), and diligently structured the project's backend by designing the database schema and API routes. This shows outstanding initiative and preparedness for future implementation		

PART C: DAILY ACTIVITY REPORT

WEEK 8			
#.	Date	Daily Activity	Time Taken (Hours)
1.	22/09/2025	Built upload form page for staff with department selection. Implemented file input handling for PDF uploads. Verified validation rules (file type, department required).	8
2.	23/09/2025	Created download forms page for parents. Implemented filtering by department. Displayed forms list dynamically using mock data.	8
3.	24/09/2025	Integrated sidebar and header layout into registration page. Debugged layout issue where form was blocked by sidebar. Adjusted CSS to ensure main content not overlapped.	8
4.	25/09/2025	Improved sidebar navigation with icons and labels. Linked sidebar items to related department pages. Conducted usability testing of navigation flow.	8
5.	26/09/2025	Refined department-based form sorting logic. Tested multiple uploads and checked database consistency. Documented system flow: staff upload, parents download.	8

PART D: WEEKLY ACTIVITY REPORT

Work Summary / Daily Activity	From 22/09/2025 to 26/09/2025, I concentrated on developing and refining core features of the system. I built the staff upload form page with department selection and PDF file validation, and created a download page for parents that supported filtering by department with dynamically displayed forms. I also worked on the user interface by integrating a sidebar and header layout into the registration page, debugging layout overlap issues, and improving sidebar navigation with icons, labels, and proper linking to department pages, followed by usability testing. Finally, I enhanced the department-based form sorting logic, tested multiple uploads to ensure database consistency, and documented the overall system flow covering staff uploads and parent downloads.
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INSTRUCTION FOR SUPERVISOR

Please confirm the student activity report on the related Week 8 before making evaluation and comments.
Tick (✓) on the appropriate checkbox :

WEEKLY EVALUATION BY INDUSTRIAL SUPERVISOR			
Performance and student report are :		Supervisor Signature	
<input type="checkbox"/> Very Unsatisfied <input type="checkbox"/> Unsatisfied		Name	NUHA ABDURAHMAN
<input type="checkbox"/> Satisfied <input type="checkbox"/> Good		Position and Company Stamp	
<input checked="" type="checkbox"/> Very Good		Date	26/09/2025
Comments :	Ameerul delivered exceptional progress this week. The student successfully built the core staff upload (with PDF validation) and parent download (with department filtering) pages. Focused effort on UI integration, layout debugging, and usability testing confirms a strong commitment to producing a high-quality, polished system		

PART C: DAILY ACTIVITY REPORT

WEEK 9			
#.	Date	Daily Activity	Time Taken (Hours)
1.	29/09/2025	<p>Researched hosting options for PHP/Next.js projects.</p> <p>Compared free hosting services (000webhost, InfinityFree).</p> <p>Identified limitations and possible upgrade paths.</p>	8
2.	30/09/2025	<p>Reviewed stereotypes and risks of free hosting.</p> <p>Finalized logbook documentation for September.</p> <p>Summarized project progress before moving to next phase.</p>	8
3.	01/10/2025	<ul style="list-style-type: none"> - Initialize Next.js 15 project with TypeScript - Configure Tailwind CSS and PostCSS - Set up folder structure (app, components, lib) - Create initial app/layout.tsx and globals.css 	8
4.	02/10/2025	<ul style="list-style-type: none"> - Install dependencies: mysql2, bcryptjs, nodemailer - Configure tsconfig.json path aliases - Create README.md and initial documentation - Setup git repository and .gitignore 	8
5.	03/10/2025	<ul style="list-style-type: none"> - Design basic application layout wireframes - Define color palette in globals.css - Create public assets directory structure - Verify development environment setup 	8

PART D: WEEKLY ACTIVITY REPORT

Work Summary / Daily Activity	From 29/09/2025 to 03/10/2025, the week involved researching PHP/Next.js hosting options, comparing free hosting services such as 000webhost and InfinityFree, and identifying their limitations. The risks of free hosting were reviewed, September logbook documentation was finalised, and overall project progress was summarised. A Next.js 15 project with TypeScript was then initialised, followed by configuring Tailwind CSS and PostCSS, setting up the folder structure, and creating initial layout files. Key dependencies including mysql2, bcryptjs, and nodemailer were installed, path aliases were configured, documentation was prepared, and a git repository was set up. The week concluded with designing basic layout wireframes, defining the colour palette, organising public assets, and verifying that the development environment was fully ready.
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INSTRUCTION FOR SUPERVISOR

Please confirm the student activity report on the related Week 9 before making evaluation and comments.
Tick (✓) on the appropriate checkbox :

WEEKLY EVALUATION BY INDUSTRIAL SUPERVISOR			
Performance and student report are :		Supervisor Signature	
<input type="checkbox"/> Very Unsatisfied <input type="checkbox"/> Unsatisfied		Name	NUHA ABDURAHMAN
<input type="checkbox"/> Satisfied <input type="checkbox"/> Good		Position and Company Stamp	
<input checked="" type="checkbox"/> Very Good		Date	03/10/2025
Comments :	Ameerul had a very strong, strategic week. The focus on deployment planning (hosting research) and professional environment setup (Next.js 15, TypeScript, Tailwind CSS, core dependencies) is highly commendable. This attention to foundation and future scaling demonstrates exceptional project management and technical readiness		

PART C: DAILY ACTIVITY REPORT

WEEK 10			
#.	Date	Daily Activity	Time Taken (Hours)
1.	06/10/2025	<ul style="list-style-type: none"> - Create lib/db.ts for MySQL connection pool - Implement database connection error handling - Create admin table schema design - Develop app/api/login/route.ts for authentication 	8
2.	07/10/2025	<ul style="list-style-type: none"> - Implement bcrypt for password hashing - Create app/login/page.tsx login form - Add client-side validation for login - Integrate login API with frontend 	8
3.	08/10/2025	<ul style="list-style-type: none"> - Implement session management (localStorage) - Secure admin routes with auth checks - Test login flow with invalid credentials - Refactor DB query helper functions 	8
4.	09/10/2025	<ul style="list-style-type: none"> - Create lib/db.ts for MySQL connection pool (Review & Optimize) - Implement database connection error handling (Edge cases) - Create admin table schema design (Refinement) - Develop app/api/login/route.ts for authentication (Security headers) 	8
5.	10/10/2025	<ul style="list-style-type: none"> - Implement bcrypt for password hashing (Salt rounds adjustment) - Create app/login/page.tsx login form (Styling updates) - Add client-side validation for login (Error messages) - Integrate login API with frontend (Loading states) 	8

PART D: WEEKLY ACTIVITY REPORT

Work Summary / Daily Activity	From 06/10/2025 to 10/10/2025, the week focused on backend and authentication development. Work began with creating the MySQL connection pool in lib/db.ts, implementing error handling, designing the admin table schema, and building the authentication route at app/api/login/route.ts. This was followed by integrating bcrypt for password hashing, developing the login form in app/login/page.tsx, adding client-side validation, and connecting the frontend to the login API. Session management using localStorage was implemented, admin routes were secured with authentication checks, invalid login attempts were tested, and database query helper functions were refactored. The MySQL connection setup, error handling, and admin schema design were later reviewed and optimized, including edge case handling and improved security headers for the login route. The week concluded with refining bcrypt salt rounds, updating login form styling, improving validation error messages, and adding loading states during login API integration.
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INSTRUCTION FOR SUPERVISOR

Please confirm the student activity report on the related Week 10 before making evaluation and comments.

Tick (✓) on the appropriate checkbox :

WEEKLY EVALUATION BY INDUSTRIAL SUPERVISOR			
Performance and student report are :		Supervisor Signature	
<input type="checkbox"/> Very Unsatisfied <input type="checkbox"/> Unsatisfied		Name	NUHA ABDURAHMAN
<input type="checkbox"/> Satisfied <input type="checkbox"/> Good		Position and Company Stamp	
<input checked="" type="checkbox"/> Very Good		Date	10/10/2025
Comments :	Ameerul had an outstanding week, dedicated to developing the system's core backend and authentication. The student successfully built a robust login flow, implementing a MySQL connection pool, bcrypt hashing, API routes, and secure session management. This focus on high-level security and architectural stability demonstrates exceptional technical mastery		

PART C: DAILY ACTIVITY REPORT

WEEK 11			
#.	Date	Daily Activity	Time Taken (Hours)
1.	13/10/2025	<ul style="list-style-type: none"> - Create components/Sidebar.tsx navigation - Design components/Header.tsx with user profile - Implement app/admin-panel/page.tsx skeleton - Add responsive behavior to Sidebar 	8
2.	14/10/2025	<ul style="list-style-type: none"> - Create Layout component for admin pages - Style admin dashboard with Tailwind grid - Add logout functionality in Header - Create reusable UI components (Button, Card) 	8
3.	15/10/2025	<ul style="list-style-type: none"> - Implement active state styling for navigation - Add loading states for dashboard widgets - Fix layout shifting issues on load - Test responsive design on mobile breakpoints 	8
4.	16/10/2025	<ul style="list-style-type: none"> - Create components/Sidebar.tsx navigation (Icon integration) - Design components/Header.tsx with user profile (Dropdown menu) - Implement app/admin-panel/page.tsx skeleton (Data fetching) - Add responsive behavior to Sidebar (Mobile toggle) 	8
5.	17/10/2025	<ul style="list-style-type: none"> - Create Layout component for admin pages (Breadcrumbs) - Style admin dashboard with Tailwind grid (Dark mode prep) - Add logout functionality in Header (Session clear) - Create reusable UI components (Input fields) 	8

PART D: WEEKLY ACTIVITY REPORT

Work Summary / Daily Activity	From 13/10/2025 to 17/10/2025, the week focused on building and refining the admin panel interface. Work included creating the Sidebar and Header components, adding user profile details, developing the initial app/admin-panel/page.tsx structure, and implementing responsive Sidebar behavior. A dedicated Layout component for admin pages was introduced, along with Tailwind-based dashboard styling, logout functionality, and reusable UI elements such as Buttons and Cards. Active navigation states, loading indicators for dashboard widgets, layout stability fixes, and mobile responsive testing were carried out. Further refinement involved integrating icons into the Sidebar, adding a dropdown menu to the Header, enabling data fetching in the admin panel, and implementing a mobile toggle for the Sidebar. The week concluded with enhancements to the Layout component through breadcrumbs, preparation for dark mode support, improved logout session clearing, and the addition of reusable input field components.
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INSTRUCTION FOR SUPERVISOR

Please confirm the student activity report on the related Week 11 before making evaluation and comments.
Tick (✓) on the appropriate checkbox :

WEEKLY EVALUATION BY INDUSTRIAL SUPERVISOR			
Performance and student report are :		Supervisor Signature	
<input type="checkbox"/> Very Unsatisfied <input type="checkbox"/> Unsatisfied		Name	NUHA ABDURAHMAN
<input type="checkbox"/> Satisfied <input type="checkbox"/> Good		Position and Company Stamp	
<input checked="" type="checkbox"/> Very Good		Date	17/10/2025
Comments :	Ameerul had an exceptionally productive week focused on the frontend. The student successfully built the entire Admin Panel UI, including complex Sidebar and Header components, dedicated layout, and reusable elements. Demonstrating commitment to professional quality through responsiveness, loading states, and dark mode prep is highly commendable. Outstanding progress in UI/UX development.		

PART C: DAILY ACTIVITY REPORT

WEEK 12			
#.	Date	Daily Activity	Time Taken (Hours)
1.	20/10/2025	<ul style="list-style-type: none"> - Design news table schema (title, content, date) - Create app/api/news/route.ts for public fetching - Develop app/api/admin/news/route.ts for CRUD - Build Admin News management interface 	8
2.	21/10/2025	<ul style="list-style-type: none"> - Implement Create News form with validation - Add Delete News functionality - Create components/News.tsx for public display - Style News component with scrollable list 	8
3.	22/10/2025	<ul style="list-style-type: none"> - Integrate public news API with app/page.tsx - Add 'is_active' toggle for news items - Test news creation and display flow - Optimize news API query performance 	8
4.	23/10/2025	<ul style="list-style-type: none"> - Design news table schema (Index optimization) - Create app/api/news/route.ts for public fetching (Pagination) - Develop app/api/admin/news/route.ts for CRUD (Update logic) - Build Admin News management interface (Filter/Search) 	8
5.	24/10/2025	<ul style="list-style-type: none"> - Implement Create News form with validation (Rich text support) - Add Delete News functionality (Confirmation modal) - Create components/News.tsx for public display (Animation) - Style News component with scrollable list (Responsive fix) 	8

PART D: WEEKLY ACTIVITY REPORT

Work Summary / Daily Activity	From 20/10/2025 to 24/10/2025, the week centred on developing the news management system. The tasks involved designing the news table schema, creating public and admin API routes for fetching and performing CRUD operations, and building the admin news management interface. A Create News form with validation was implemented, along with Delete functionality, a reusable News.tsx component for public display, and a scrollable, styled news list. Public news was integrated into app/page.tsx, an is_active toggle was added, the full creation-to-display flow was tested, and API queries were optimized. Further enhancements included index optimization for the schema, pagination for public news, improved update logic for admin CRUD, and filter/search options in the admin interface. The week concluded with rich text support for news creation, a confirmation modal for deletions, animations for the public news component, and responsive fixes for the scrollable list.
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INSTRUCTION FOR SUPERVISOR

Please confirm the student activity report on the related Week 12 before making evaluation and comments.
Tick (✓) on the appropriate checkbox :

WEEKLY EVALUATION BY INDUSTRIAL SUPERVISOR			
Performance and student report are :		Supervisor Signature	
<input type="checkbox"/> Very Unsatisfied <input type="checkbox"/> Unsatisfied		Name	NUHA ABDURAHMAN
<input type="checkbox"/> Satisfied <input type="checkbox"/> Good		Position and Company Stamp	 ABEDEEN INTERNATIONAL SCHOOL • ١٧٥٢٠٢ •
<input checked="" type="checkbox"/> Very Good		Date	24/10/2025
Comments :	Ameerul delivered an outstanding week by fully developing the News Management System. The student successfully implemented the complete feature lifecycle, including database schema, public/admin CRUD API routes, UI, rich text support, and pagination. This comprehensive, full-stack delivery confirms exceptional technical capability and project ownership		

PART C: DAILY ACTIVITY REPORT

WEEK 13			
#.	Date	Daily Activity	Time Taken (Hours)
1.	27/10/2025	<ul style="list-style-type: none"> - Design forms table schema for file metadata - Configure public/uploads directory permissions - Create app/api/admin/files/route.ts for handling - Implement file upload logic in API (Buffer write) 	8
2.	28/10/2025	<ul style="list-style-type: none"> - Develop Admin File Manager UI list view - Add file selection and upload button UI - Implement file deletion from disk and DB - Create app/api/files/[filename]/route.ts for serving 	8
3.	29/10/2025	<ul style="list-style-type: none"> - Configure next.config.ts rewrites for uploads - Add MIME type checking for uploaded files - Implement file size validation - Test upload of PDF and image files 	8
4.	30/10/2025	<ul style="list-style-type: none"> - Design forms table schema for file metadata (Audit fields) - Configure public/uploads directory permissions (Security check) - Create app/api/admin/files/route.ts for handling (Error logs) - Implement file upload logic in API (Unique naming) 	8
5.	31/10/2025	<ul style="list-style-type: none"> - Develop Admin File Manager UI list view (Sortable columns) - Add file selection and upload button UI (Progress bar) - Implement file deletion from disk and DB (Bulk delete) - Create app/api/files/[filename]/route.ts for serving (Cache headers) 	8

PART D: WEEKLY ACTIVITY REPORT

Work Summary / Daily Activity	From 27/10/2025 to 31/10/2025, the week focused on developing the file management system. The tasks included designing the forms table schema for storing file metadata, configuring permissions for the public/uploads directory, creating the admin file handling API route, and implementing file upload logic using buffer-based writing. The Admin File Manager UI was developed with list views, file selection, upload controls, and full deletion support for both disk and database records. Additional work involved creating an API route for serving files, configuring rewrites in next.config.ts, enforcing MIME type and file size validation, and testing uploads for PDFs and images. Schema audit fields, directory security checks, enhanced error logging, and unique file naming were later added to strengthen reliability. The week concluded with sortable columns in the File Manager UI, upload progress indicators, bulk delete functionality, and cache headers for efficient file serving.
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INSTRUCTION FOR SUPERVISOR

Please confirm the student activity report on the related Week 13 before making evaluation and comments.

Tick (✓) on the appropriate checkbox :

WEEKLY EVALUATION BY INDUSTRIAL SUPERVISOR		
Performance and student report are : <input type="checkbox"/> Very Unsatisfied <input type="checkbox"/> Unsatisfied <input type="checkbox"/> Satisfied <input type="checkbox"/> Good <input checked="" type="checkbox"/> Very Good	Supervisor Signature	
	Name	NUHA ABDURAHMAN
	Position and Company Stamp	
	Date	31/10/2025
Comments :	Ameerul had an exceptionally high-impact week, successfully implementing the File Management System. The student handled all full-stack components, This demonstrates outstanding command of complex system architecture and security protocols	

PART C: DAILY ACTIVITY REPORT

WEEK 14			
#.	Date	Daily Activity	Time Taken (Hours)
1.	03/11/2025	<ul style="list-style-type: none"> - Design visa_status table schema - Design visa_tasks table schema for stages - Create app/api/admin/visa/route.ts handlers - Implement logic to initialize default tasks 	8
2.	04/11/2025	<ul style="list-style-type: none"> - Create migration.sql for database triggers - Develop app/api/visa-status/route.ts public API - Add search logic by school_id - Implement bulk update for task status 	8
3.	05/11/2025	<ul style="list-style-type: none"> - Create helper functions for visa stage calculations - Test database relationships between status and tasks - Optimize visa queries with joins - Document visa system API endpoints 	8
4.	06/11/2025	<ul style="list-style-type: none"> - Design visa_status table schema (Foreign keys) - Design visa_tasks table schema for stages (Status enums) - Create app/api/admin/visa/route.ts handlers (Validation) - Implement logic to initialize default tasks (Seed data) 	8
5.	07/11/2025	<ul style="list-style-type: none"> - Create migration.sql for database triggers (Testing) - Develop app/api/visa-status/route.ts public API (Rate limiting) - Add search logic by school_id (Input sanitization) - Implement bulk update for task status (Transaction safety) 	8

PART D: WEEKLY ACTIVITY REPORT

Work Summary / Daily Activity	From 03/11/2025 to 07/11/2025, the week focused on building the visa status and task management system. Work included designing the visa_status and visa_tasks table schemas, creating admin API handlers, and implementing logic to initialize default task stages. A migration.sql file was prepared for database triggers, a public API for visa status retrieval was developed, search functionality by school_id was added, and bulk task-status updates were implemented. Helper functions were created for visa stage calculations, database relationships were tested, query performance was optimized using joins, and API documentation was completed. Further refinements introduced foreign keys, status enums, validation rules, seed data, trigger testing, rate limiting on the public API, input sanitization for search, and transaction-safe bulk updates.
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INSTRUCTION FOR SUPERVISOR

Please confirm the student activity report on the related Week 14 before making evaluation and comments.

Tick (✓) on the appropriate checkbox :

WEEKLY EVALUATION BY INDUSTRIAL SUPERVISOR			
Performance and student report are :		Supervisor Signature	
<input type="checkbox"/> Very Unsatisfied <input type="checkbox"/> Unsatisfied		Name	NUHA ABDURAHMAN
<input type="checkbox"/> Satisfied <input type="checkbox"/> Good		Position and Company Stamp	
<input checked="" type="checkbox"/> Very Good		Date	07/11/2025
Comments :	Ameerul had an extremely robust and productive week, successfully implementing the Visa Status and Task Management System. The work was characterized by strong backend design, including database triggers, query optimization, and transaction-safe bulk updates. This focus on stable, high-performance business logic confirms exceptional skill in complex system development		

PART C: DAILY ACTIVITY REPORT

WEEK 15			
#.	Date	Daily Activity	Time Taken (Hours)
1.	10/11/2025	<ul style="list-style-type: none"> - Build Admin Visa management dashboard - Create VisaStatus component for individual records - Implement TaskList component with checkboxes - Add 'Select All' functionality for tasks 	8
2.	11/11/2025	<ul style="list-style-type: none"> - Integrate Visa API with Admin frontend - Create public Visa Status Check page - Add search form for School ID - Style progress indicators for visa stages 	8
3.	12/11/2025	<ul style="list-style-type: none"> - Handle empty states and not found errors - Add success notifications for updates - Fix state synchronization issues in UI - Test end-to-end visa workflow 	8
4.	13/11/2025	<ul style="list-style-type: none"> - Build Admin Visa management dashboard (Filters) - Create VisaStatus component for individual records (Detail view) - Implement TaskList component with checkboxes (Optimistic UI) - Add 'Select All' functionality for tasks (Batch API) 	8
5.	14/11/2025	<ul style="list-style-type: none"> - Integrate Visa API with Admin frontend (Error handling) - Create public Visa Status Check page (Mobile layout) - Add search form for School ID (Validation) - Style progress indicators for visa stages (Animations) 	8

PART D: WEEKLY ACTIVITY REPORT

Work Summary / Daily Activity	From 10/11/2025 to 14/11/2025, the week focused on developing and refining the visa management interfaces. Work included building the Admin Visa dashboard, creating components for displaying individual visa records, implementing task lists with checkbox controls, and adding a “Select All” option for task updates. Visa API integration was completed for the admin panel, along with the development of a public Visa Status Check page featuring a School ID search form and styled progress indicators. Additional improvements involved handling empty states and not-found responses, adding success notifications, fixing UI state sync issues, and testing the full visa workflow. Further enhancements introduced dashboard filters, detailed record views, optimistic UI updates, batch API handling, improved error handling, mobile layouts for the public page, validation for the search form, and animated progress indicators for clearer stage visualization.
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INSTRUCTION FOR SUPERVISOR

Please confirm the student activity report on the related Week 15 before making evaluation and comments.
Tick (✓) on the appropriate checkbox :

WEEKLY EVALUATION BY INDUSTRIAL SUPERVISOR			
Performance and student report are :		Supervisor Signature	
<input type="checkbox"/> Very Unsatisfied <input type="checkbox"/> Unsatisfied		Name	NUHA ABDURAHMAN
<input type="checkbox"/> Satisfied <input type="checkbox"/> Good		Position and Company Stamp	
<input checked="" type="checkbox"/> Very Good		Date	14/11/2025
Comments :	Ameerul completed the Visa Management System this week, focusing heavily on UI integration and refinement. The student built both the Admin Dashboard (with batch handling) and the public Status Check page (with styled progress indicators and mobile layout). The commitment to UI/UX polish, error handling, and end-to-end testing demonstrates exceptional closure and technical completeness		