



E-REPORT APPLICATION SDIT ULIL ALBAB

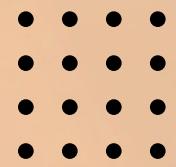
Project Manager

Ahmad Hamim Thohari, S.S.T., M.T.

Client

Irwan Nugraha, S.Pd.

presentation by : **Group 1**



GROUP IDENTITY



Ahmad Hamim Thohari, S.S.T., M.T.

115143



Raid Aqil Athallah
3312401022



Frima Rizky Lianda
3312401016



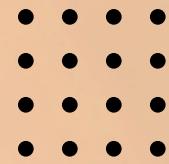
Muhammad Auriel A
3312401093



Syahrul Ramadhan
3312301093



BACKGROUND AND OBJECTIVES



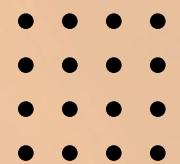
Objectives

Our objective is to develop a web-based E-Report application that allows teachers to input grades flexibly from any location. Specifically designed for the elementary curriculum, the system facilitates the management of daily, mid-term, and final exam scores, while providing a secure digital archive for easy long-term retrieval.



Background

PROJECT PROGRESS



01

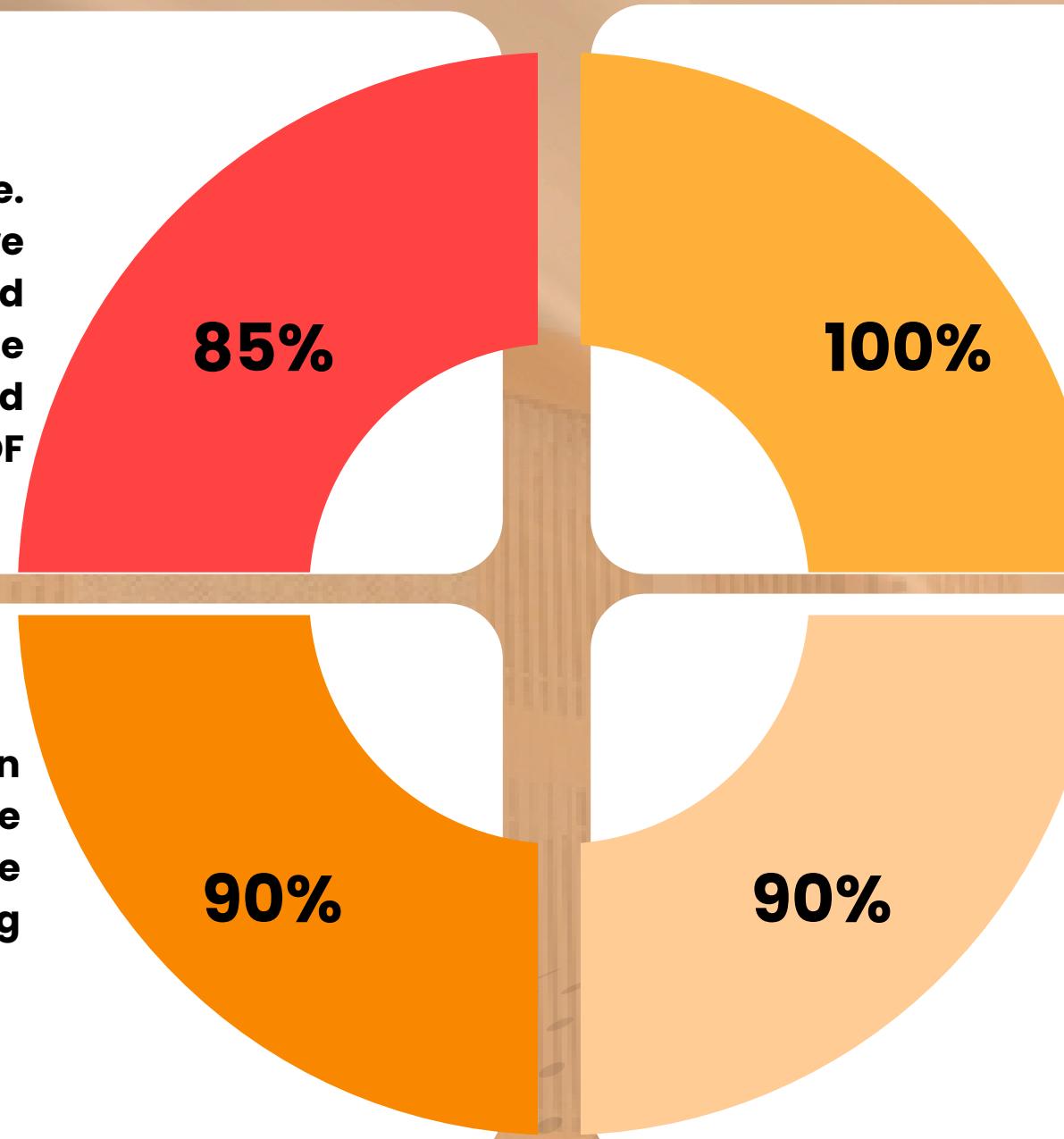
BACKEND

The backend is currently 85% complete. The basic logic is already functioning, but we are focusing on fixing some error codes and optimizing the report export feature. The system can now print in Word format, and the team is working on converting it to PDF format as needed.

02

FRONTEND

The frontend is 90% complete. The main interface has been developed. We are currently integrating additional feature requests from the client and making adjustments.



UI/UX DESIGN

The design phase is 100% complete. Our main focus is to create an intuitive interface. Test results show that users have no difficulty (low learning curve) in operating the application.

03

TESTING & QA

The testing process has reached 95%. Based on the results of direct testing with users, the application is considered very user-friendly and visually easy to understand. We have compiled user feedback for finalization.

04



CHALLENGES

- 01 Inability to coordinate team members optimally due to differing backgrounds and understanding.
- 02 Managing time for project work.
- 03 Some members are difficult to work with.
- 04 There is one member who is new to frontend.
- 05 We still lack understanding of what the client wants, resulting in miscommunication regarding features



MEMBER CONTRIBUTIONS

Raid Aqil Athallah

- **Full-stack Development & System Architecture**

1. System Analysis & Design: Architecting system structures by developing Entity Relationship Diagrams (ERD), Class Diagrams, and Activity Diagrams.
2. Full-stack Development: Taking full responsibility for the technical implementation of both Frontend and Backend systems.
3. Project Documentation: Developing comprehensive Lesson Plans (RPP) and technical reports for ATS and AAS.

Muhammad Auriel

- **Frontend Development & System Modeling**

1. Frontend Development: Responsible for user interface implementation, specifically focusing on the Class Teacher module.
2. System Modeling: Translating business process requirements into comprehensive Activity Diagrams.
3. Technical Reporting: Compiling ATS output reports and contributing to the preparation of educational materials (Lesson Plans/RPP).

Frima Rizky Lianda

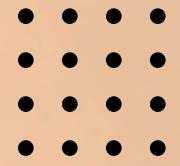
- **UI/UX Design, Data Analysis & Documentation**

1. UI/UX Specialist: Designing intuitive User Interfaces (UI) and seamless User Experiences (UX).
2. Data & System Modeling: Performing data analysis and modeling system requirements through Use Case Diagrams.
3. Frontend Implementation: Executing technical implementation specifically for the Admin module.
4. Creative Marketing & Assets: Managing presentation materials, promotional poster designs, and the preparation of the User Manual.
5. Educational Documentation: Managing Lesson Plan (RPP) preparation and ATS output reporting.

Syahrul Ramadhan

- **Interface Design & Logic Modeling**

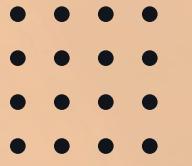
1. Frontend Implementation: Developing the application's user interface, specifically tailored for the Subject Teacher module.
2. Database & Logic Design: Designing database structures (ERD) and system logic through Class and Activity Diagrams.
3. Quality Reporting: Compiling ATS reports as a key component of the project's final documentation.



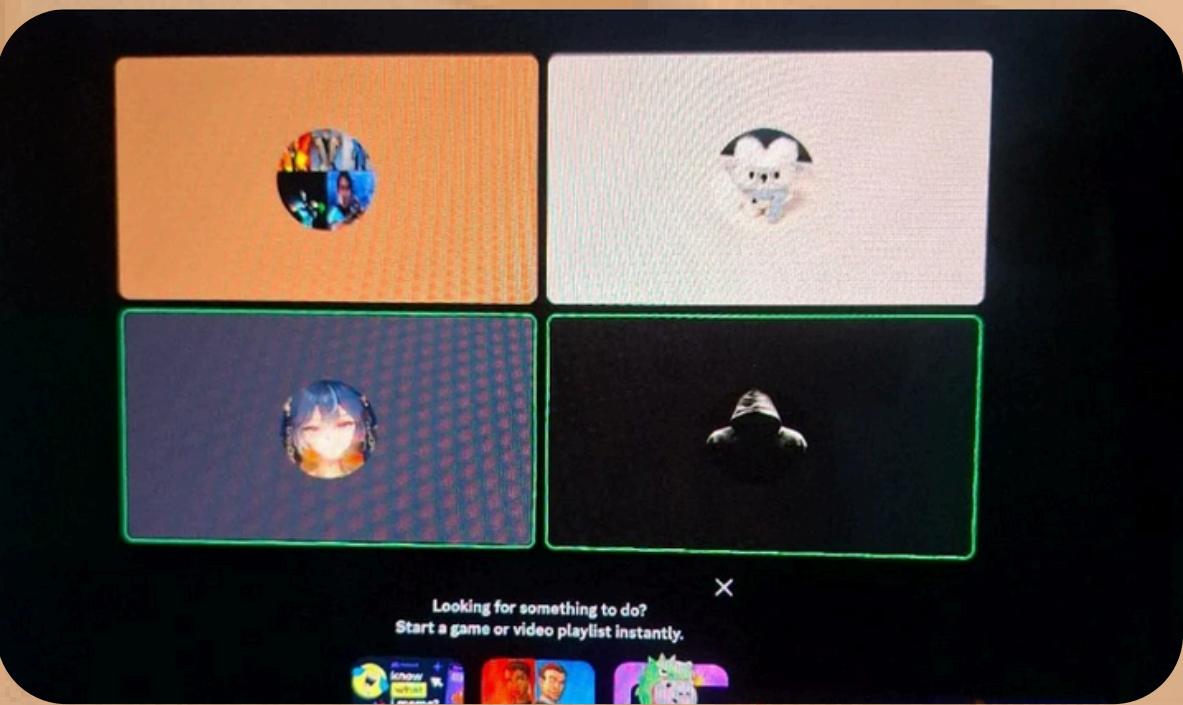
CONCLUSION

This application serves as an integrated digital solution for modernizing report card data management. Beyond functioning as a data entry tool for educators, the system acts as a secure and organized digital archive center. Its primary objective is to empower alumni with quick and accurate access to their academic records for future educational pursuits or career requirements.





DOCUMENTATION





Politeknik Negeri Batam

IMPLEMENTATION



Politeknik Negeri Batam

IMPLEMENTATION

Admin - Data Guru

localhost:3000/admin/data_guru

Dashboard Admin

Data Guru

No.	Nama	Jenis Kelamin	NIP	NUPTK	Status	Aksi
1	Ahmad Rizki	Laki-laki	1234567893	7645311456	NONAKTIF	<button>Detail</button> <button>Edit</button>
2	Alli	Laki-laki	00890234223	000000231324398	AKTIF	<button>Detail</button> <button>Edit</button>
3	Budi Santoso	Laki-laki	1234567891	7645321456	AKTIF	<button>Detail</button> <button>Edit</button>
4	Dewi Lestari	Perempuan	1234567190	1223435676	AKTIF	<button>Detail</button> <button>Edit</button>
5	Jojo uji	Perempuan	003322445543	000005433432232	AKTIF	<button>Detail</button> <button>Edit</button>
6	Kiko	Laki-laki	0033221223	000022343312231	AKTIF	<button>Detail</button> <button>Edit</button>
7	Lapu-lapu	Perempuan	00	22	AKTIF	<button>Detail</button> <button>Edit</button>
8	Nolan	Laki-laki	00111222444444	9876543210784654	AKTIF	<button>Detail</button> <button>Edit</button>

SDIT ULL Albab
E-Rapor

Dashboard Admin

Data Guru

Tambah Data Guru

Nama *
Masukkan nama lengkap

Email Akun
contoh@sekolah.sch.id

NIY
Nomor Induk Yayasan

NUPTK
Nomor Unik Pendidik

Tempat Lahir
Misal: Jakarta

Tanggal Lahir *
mm/dd/yyyy

Jenis Kelamin *
-- Pilih --

Telepon
misal: 081234567890

Alamat
Masukkan alamat lengkap

Role (Hak Akses) *

The screenshot shows the 'Data Guru' section of the admin dashboard. On the left sidebar, under 'MASTER DATA', there is a 'Import Guru' button. A modal window titled 'Import Data Guru' is open, prompting the user to upload a file in .xlsx or .xls format. It includes a download link for a template Excel file and a large dashed area for file selection. Below the modal are two buttons: 'Import' and 'Batal'. To the right of the modal, a table lists 10 guru entries with columns for 'Status' (Nonaktif/Aktif) and 'Aksi' (Detail/Edit). The table data is as follows:

No.	Nama	Status	Aksi		
1	Ahmad Rizki	NONAKTIF	Detail Edit		
2	Alli	AKTIF	Detail Edit		
3	Budi Santoso	AKTIF	Detail Edit		
4	Dewi Lestari	AKTIF	Detail Edit		
5	Jojo uji	AKTIF	Detail Edit		
6	Kiko	Laki-laki	00332221223	AKTIF	Detail Edit
7	Lapu-lapu	Perempuan	00	AKTIF	Detail Edit
8	Nolan	Laki-laki	0011222244444	AKTIF	Detail Edit
9	Uli	Perempuan	9876543210784054	AKTIF	Detail Edit

The screenshot shows the 'Admin - Data Guru' dashboard. On the left, there's a sidebar with 'SDIT UUll Albab E-Rapor' logo, navigation links like 'Dashboard', 'MASTER DATA', 'Tahun Ajaran', 'Pengguna', 'Data Guru' (which is highlighted in orange), 'Data Admininistrasi', 'Ekstrakurikuler', and 'Arsip Rapor'. The main area has a dark header 'Dashboard Admin' and a sub-header 'Data Guru'. A central modal window titled 'Detail Guru' is open, showing a placeholder image 'A' and the name 'Ali'. Below this are eight data rows:

No.	Aksi
1	Ali Status : AKTIF NIY : 00890234223 NUPTK : 000000231324398 Jenis Kelamin : Laki-laki Tempat Lahir : Batam Tanggal Lahir : 4 Februari 2006 Telepon : 08993455234 Alamat : Botul Ali Email : test@gmail.com
2	Ali
3	Budi
4	Dedi
5	Jaya
6	Kiki
7	Lola
8	Nolan Laki-laki 00000000000000000000 9876543210784654 AKTIF

On the right, there are 'Filter Guru' and 'Import Guru' buttons, and a table titled 'Status' with rows for 'NONAKTIF' and 'AKTIF' with 'Detail' and 'Edit' buttons.

The screenshot shows a web-based administrative interface for managing users. The left sidebar contains navigation links for Dashboard, Master Data, Tahun Ajaran, Pengguna (with Data Guru and Data Admin selected), Administrasi, Ekstrakurikuler, and Arsip Rapor. The main content area is titled "Dashboard Admin" and "Data Admin". It features a table listing three administrators with columns for No., Nama, Jenis Kelamin, NISN, NUPTK, Status, and Action (Detail and Edit). The table shows entries for Raid Aqil, Admin Ggj, and Rama. At the bottom, it displays "Menampilkan 1 - 3 dari 3 data" and a page number indicator [1].

No.	Nama	Jenis Kelamin	NISN	NUPTK	Status	Aksi
1	Raid Aqil	Laki-laki	0012345678	00000123323	AKTIF	<button>Detail</button> <button>Edit</button>
2	Admin Ggj	Laki-laki	00123132142341	000003442543342	AKTIF	<button>Detail</button> <button>Edit</button>
3	Rama	Laki-laki	00333222332323	000005433112232	AKTIF	<button>Detail</button> <button>Edit</button>



Politeknik Negeri Batam

IMPLEMENTATION

Admin - Data Admin

localhost:3000/admin/data_admin

Dashboard Admin

Data Admin

Tambah Data Admin

Nama *	Email Akun
Ketik Nama	Ketik Email
NIY	NUPTK
Ketik NIV	Ketik NUPTK
Tempat Lahir	Telepon
Ketik Tempat Lahir	Ketik Telepon
Tanggal Lahir *	Jenis Kelamin *
mm/dd/yyyy	-- Pilih --
Alamat	
Ketik Alamat	

Saya yakin sudah mengisi dengan benar

Admin - Data Admin

localhost:3000/admin/data_admin

Dashboard Admin

Data Admin

Edit Data Admin

Nama *	Email Akun
Raid Aqil	admin@sekolah.sch.id
NIY	NUPTK
0012345678	00000123323
Tempat Lahir	Telepon
Batam	08993966755
Tanggal Lahir *	Jenis Kelamin *
mm/dd/yyyy	Laki-laki
Alamat	
Batu Aji	

Admin - Data Admin

localhost:3000/admin/data_admin

Dashboard Admin

Data Admin

No.	Role	Name	Status	Aksi
1	Rai	Raid Aqil	AKTIF	<button>Detail</button> <button>Edit</button>
2	Ad		AKTIF	<button>Detail</button> <button>Edit</button>
3	Ra		AKTIF	<button>Detail</button> <button>Edit</button>

Menampilkan 1 - 3 dari 3 data

Admin - Data Siswa

localhost:3000/admin/data_siswa

Dashboard Admin

Data Siswa

Tambah Data Siswa

Nama *	Kelas *
Masukkan nama lengkap	-- Pilih --
NIS *	NISN *
NIS	NISN
Tempat Lahir	Tanggal Lahir
Tempat Lahir	mm/dd/yyyy
Jenis Kelamin *	
-- Pilih --	
Alamat	
Masukkan alamat lengkap	

Saya yakin data yang diisi sudah benar

Admin - Data Siswa

localhost:3000/admin/data_siswa

Dashboard Admin

Data Siswa

Tahun Ajaran

2024/2025 Ganjil (Aktif)

+ Tambah Siswa

No.	Nama	Kelas	NIS	NISN	Status	Aksi
1	All	1 A	02222223	0088707756545	AKTIF	<button>Detail</button> <button>Edit</button>

Menampilkan 1 - 1 dari 1 data

Admin - Data Sekolah

localhost:3000/admin/data_sekolah

Dashboard Admin

Data Sekolah

Informasi Sekolah

Nama Sekolah	SDIT Ull Albab
NPSN	0000000000
NSS	00000000
Kode POS	00000
Telepon	0000000000
Email	info@sekolah.sch.id

Logo Sekolah

Choose File No file chosen Format: JPG, JPEG, PNG (max: 2MB)

Update Logo



Politeknik Negeri Batam

IMPLEMENTATION

Admin - Data Siswa | localhost:3000/admin/data_siswa

Dashboard Admin

Data Siswa

Tahun Ajaran: 2024/2025 Ganjil (Aktif)

Filter Siswa:

- Kelas: Semua Kelas
- Jenis Kelamin: Semua Jenis Kelamin
- Status: Semua Status

+ Tambah Siswa

No.	Nama	Status	Aksi
1	All	Aktif	Detail Edit

Menampilkan 1 ~ 1 dari 1 data

Reset Terapkan

Admin - Data Siswa | localhost:3000/admin/data_siswa

Dashboard Admin

Data Siswa

Edit Data Siswa:

Nama *	Kelas *
All	1A
NIS *	NISN *
022222323	0088767756545
Tempat Lahir	Tanggal Lahir
Botam	03/29/2005
Jenis Kelamin *	Status Siswa *
-- Pilih --	Aktif
Alamat	
Botam Centre	

Saya yakin data yang diisi sudah benar

Admin - Data Siswa | localhost:3000/admin/data_siswa

Dashboard Admin

Data Siswa

Tahun Ajaran: 2024/2025 Ganjil (Aktif)

Import Data Siswa:

Format file: .xlsx atau .xls
Unduh template Excel
isi sesuai contoh, lalu simpan sebagai .xlsx

Klik untuk pilih file

Import Batal

Admin - Data Kelas | localhost:3000/admin/data_kelas

Dashboard Admin

Data Kelas

Tahun Ajaran: 2024/2025 Ganjil (Aktif)

+ Tambah Kelas

No.	Nama Kelas	Guru Kelas	Fase	Jumlah Siswa	Aksi
1	1A	Kiko	A	1	Edit Hapus

Tampilkan 10 data Pencarian

Menampilkan 1 ~ 1 dari 1 data

Admin - Data Siswa | localhost:3000/admin/data_siswa

Dashboard Admin

Detail Siswa

All

Status	Aktif
Kelas	1A
NIS	022222323
NISN	0088767756545
Tempat Lahir	Botam
Tanggal Lahir	29 Maret 2005
Jenis Kelamin	Laki-laki
Alamat	Botam Centre
Fase	A

Tutup Edit

Admin - Data Kelas | localhost:3000/admin/data_kelas

Dashboard Admin

Data Kelas

Tambah Data Kelas:

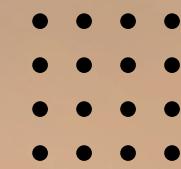
Nama Kelas *	Fase *
Contoh: 1A	A, B, atau C

Saya yakin data yang diisi sudah benar

Batal Reset Simpan



Politeknik Negeri Batam



**THANK YOU
FOR YOUR ATTENTION**