

DBIT Android Application

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PROJECT OVERVIEW

- This application will help students to communicate with faculty and administration for their respective doubt and queries.
- There are 3 entities namely; Admin, Faculty and Student.
- The Communication happens in two ways Individual Chat or a Group Forum.
- Group Forum is segregated into Whole College, Department, Section and Year.
- Individual Chat is being used between Students and Faculties.

SCOPE

This project can be used to get the Latest Notices and a Direct Communication between Faculty and Students.

MODULES

➤ Admin App

- Login
- Manage Students
- Manage Faculty
- Upload Events/Circulars

MODULES

➤ Faculty App

- Login
- Department Group Forum.
- College Group Forum.
- Chat with Students
- Search Students.
- Notification of Chats

MODULES

➤ Student App

- Login
- Year Group Forum.
- Section Group Forum.
- Department Group Forum.
- College Group Forum.
- Chat with Students
- Chat with Faculties.
- Search
Students/Faculties.
- Notification of Chats

DEVELOPMENT TOOLS

ANDROID STUDIO

Android Studio is the official[7] integrated development environment (IDE) for Google's Android operating system, built on JetBrains' IntelliJ IDEA software and designed specifically for Android development.



Features:

1. Rich Layout Editor
2. Android Virtual Device
3. Quick Fixes Suggestion

Download Android Studio

← → ↻ developer.android.com/studio



developers 

Platform

Android Studio

Google Play

Jetpack

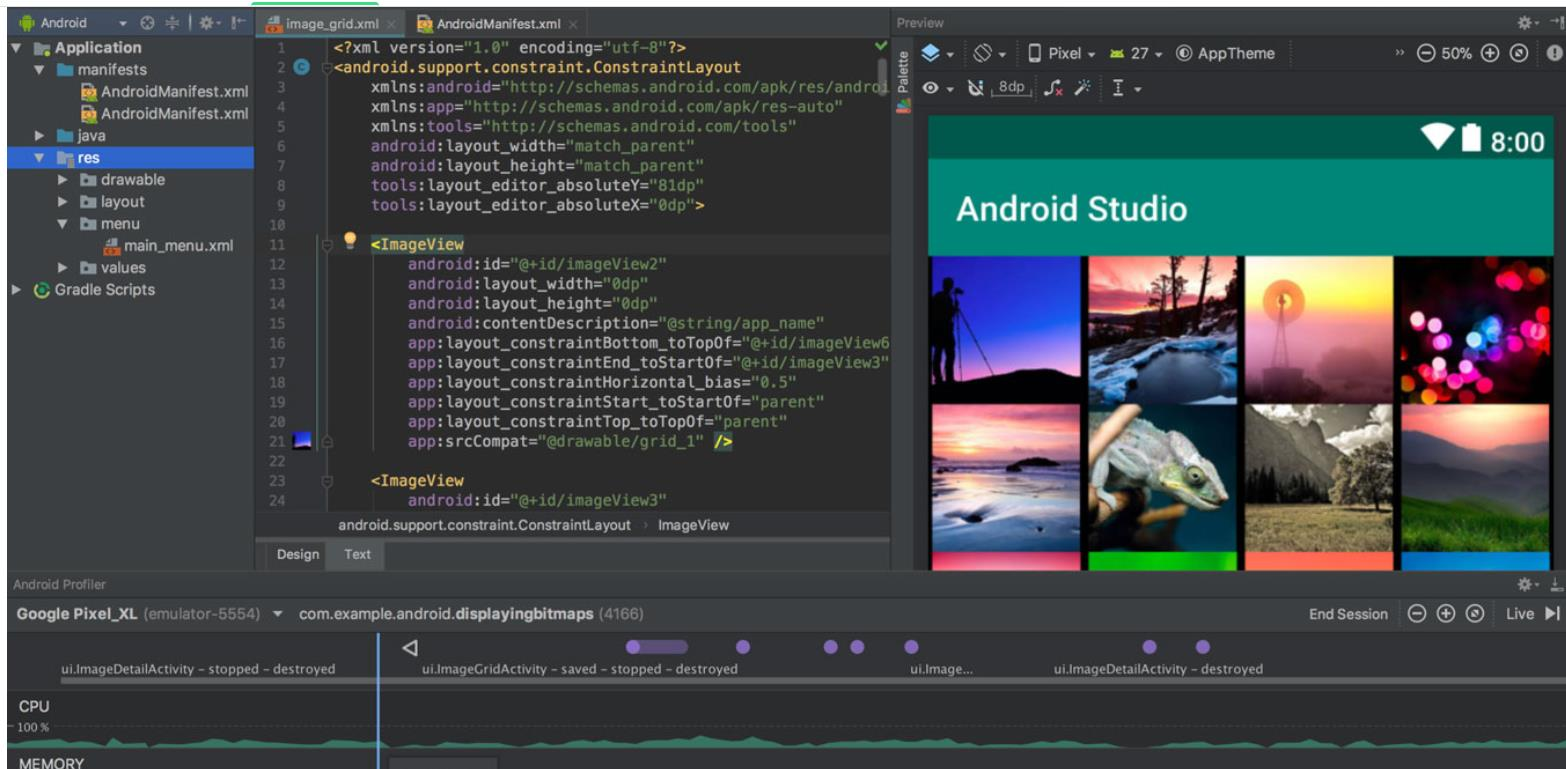
Kotlin

Docs

Games

🔍 Search

🌐 Language



DEVELOPMENT TOOLS

MICROSOFT SQL SERVER

Microsoft SQL Server is a relational database management system developed by Microsoft. As a database server, it is a software product with the primary function of storing and retrieving data as requested by other. Microsoft markets at least a dozen different editions of Microsoft SQL Server, aimed at different audiences and for workloads.



Features:

1. Least Vulnerable
2. Advanced Analytics
3. Easy-to-Use

Download Microsoft SQL Server

Introducing SQL Server 2022, Azure-enabled with continued performance and security innovation. Now in private preview. [Learn more >](#)

Try SQL Server on-premises or in the cloud



SQL Server on Azure

Run SQL Server on Azure SQL with built-in security and manageability.

Get started



SQL Server at the edge

Extend SQL to IoT devices for real-time analysis with Azure SQL Edge.

Get started



SQL Server on-premises

Build intelligent, mission-critical applications with a scalable, hybrid data platform.

Free trial

PROS & CONS

Pros

- Students have all the new Events and Circulars in the College Forum.
- Doubts can be asked anywhere anytime since we can directly talk to Faculty.
- You can chat with your fellow Class mates.
- There are bifurcation between departments and sections for Organized Solutions.

Cons

- Requires an active internet connection.
- Messages Added cannot be deleted.
- Improper data can Mislead Information.

Student Council Web- Application

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PROJECT OVERVIEW

- This application will help students to have access to various information on different college events.
- There are 2 entities namely; Admin, and User.
- Everyone will have their personal registration and credentials stored in our database.
- All the money spent for various events by all students is organized, stored and is managed accordingly.
- A pdf is also generated for all the payments employee details etc.

SCOPE

The functions and activities of a Student Council should support the aims and objectives of the Council and promote the development of the school and the welfare of its students. In planning and undertaking activities during the course of the school year, the Council should:

- work closely with school management, teachers and parents,
- consult regularly with students in the school, and
- involve as many students as possible in the activities of the Council.

MODULES

➤ Web-App

- Login
- Manage Students
- EVENTS
- Edit User
- Manage expenses
- Employee Details
- Generate Bills

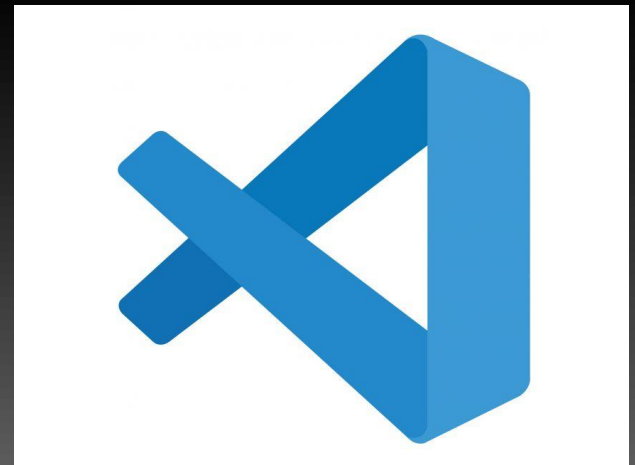
DEVELOPMENT TOOLS

VS CODE

VS Code includes enriched built-in support for Node.js development with JavaScript and TypeScript, powered by the same underlying technologies that drive Visual Studio. VS Code also includes great tooling for web technologies such as JSX/React, HTML, CSS, SCSS, Less, and JSON..

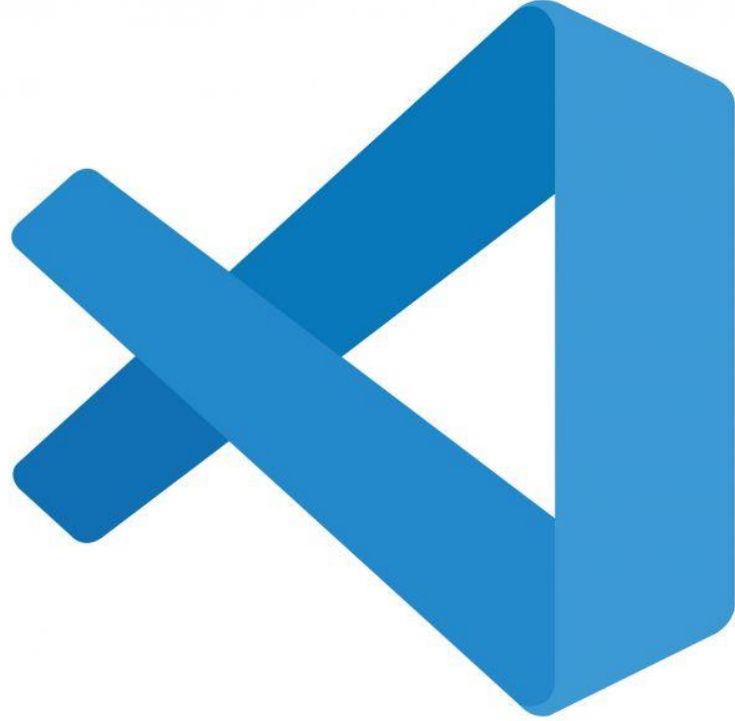
Features:

1. Rich Layout Editor
2. Quick Fixes Suggestion



FEATURES

1. Command Line
2. Command Palette
3. Git Integration
4. Change language mode
5. Customization
6. Zen Mode
7. Split view
8. Status Bar
9. Debugging
10. Default Keyboard shortcuts



Download And Install XAMPP

XAMPP Control Panel v3.3.0 [Compiled: Apr 6th 2021]

XAMPP Control Panel v3.3.0

Modules

Service	Module	PID(s)	Port(s)	Actions
<input type="checkbox"/>	Apache	1752 10524	80, 443	Stop Admin Config Logs
<input type="checkbox"/>	MySQL	8488	3306	Stop Admin Config Logs
<input type="checkbox"/>	FileZilla			Start Admin Config Logs
<input type="checkbox"/>	Mercury			Start Admin Config Logs
<input type="checkbox"/>	Tomcat			Start Admin Config Logs

Config Netstat Shell Explorer Services Help Quit

```
2:32:06 AM [main] Initializing Control Panel
2:32:06 AM [main] Windows Version: Home 64-bit
2:32:06 AM [main] XAMPP Version: 8.0.15
2:32:06 AM [main] Control Panel Version: 3.3.0 [ Compiled: Apr 6th 2021 ]
2:32:06 AM [main] You are not running with administrator rights! This will work for
2:32:06 AM [main] most application stuff but whenever you do something with services
2:32:06 AM [main] there will be a security dialogue or things will break! So think
2:32:06 AM [main] about running this application with administrator rights!
2:32:06 AM [main] XAMPP Installation Directory: "c:\xampp\"
2:32:06 AM [main] Checking for prerequisites
2:32:07 AM [main] All prerequisites found
2:32:07 AM [main] Initializing Modules
2:32:07 AM [main] Starting Check-Timer
2:32:07 AM [main] Control Panel Ready
2:32:09 AM [Apache] Attempting to start Apache app...
2:32:09 AM [Apache] Status change detected: running
2:32:09 AM [mysql] Attempting to start MySQL app...
2:32:10 AM [mysql] Status change detected: running
```

PROS & CONS

Pros

- Students have all the information about latest events in the web app.
- Getting information about the council members is easy,
- Overall Management is easy.
- All the information about any upcoming event is easily available once you register in the app.






Cons




- Requires an active internet connection.
- Improper data can Mislead Information.











APPLICATIONS


- This application can be used by any kind of Institution.
- Specially Advantages Educational Institution.

SNAPSHOTS











Hysteria

DATE 3rd Week of January




Department Days

Heisenbug, AlgoRhythm, Synergy, Vortex




Mix and Match

3rd Week of August




Colosseum

1st Week of March



Innovex

1st Week of May



Engineers Day

September 15

OUR COLLEGE EVENTS

EVENTS FOR BOYS

SPORT NAME	FIRST	SECOND	THIRD	WINNER
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SNAPSHOTS



Our Team

DBIT STUDENT COUNCIL (2021 - 22)

The establishment of a Student Council is essential to the effectiveness of an institute. The Student Council functions as a representative body of the Student Community as a link between DBIT administration and the Student Body. It is critical that every student on campus be heard, that their ideas be weighed, and that their concerns be resolved. Each student should be encouraged to engage in college activities and to actively promote the principles and objectives of DBIT.

General Secretarie's Senior Council



Haramal Liddar

General Secretary
BE IT



Adonia Sequeira

General Secretary
BE Comps



Prajna Nayak

Sports Secretary
BE Mech



Sahil Yelgonda

Sports Secretary
BE Comps



Mitul Shetty

Marketing Secretary
BE Mech



Amanda D'cunha

Marketing Secretary
BE IT



SNAPSHOTS

phpMyAdmin

Server: 127.0.0.1 » Database: laravel

Structure SQL Search Query Export Import Operations Privileges Routines Events Triggers Tracking More

Recent Favorites

information_schema
laravel
New
account_employee_salaries
account_other_costs
account_student_fees
assign_students
assign_subjects
designations
discount_students
employee_attendances
employee_leaves
employee_salary_logs
exam_types
failed_jobs
fee_categories
fee_category_amounts
leave_purposes
marks_grades
migrations
password_resets
personal_access_tokens
school_subjects
sessions
student_classes

Table	Action	Rows	Type	Collation	Size	Overhead
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<input type="checkbox"/> employee_attendances	★ Browse Structure Search Insert Empty Drop	1	InnoDB	utf8mb4_unicode_ci	16.0 KiB	-
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<input type="checkbox"/> employee_salary_logs	★ Browse Structure Search Insert Empty Drop	1	InnoDB	utf8mb4_unicode_ci	16.0 KiB	-
<input type="checkbox"/> exam_types	★ Browse Structure Search Insert Empty Drop	2	InnoDB	utf8mb4_unicode_ci	32.0 KiB	-
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<input type="checkbox"/> fee_categories	★ Browse Structure Search Insert Empty Drop	2	InnoDB	utf8mb4_unicode_ci	32.0 KiB	-
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<input type="checkbox"/> marks_grades	★ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_unicode_ci	16.0 KiB	-
<input type="checkbox"/> migrations	★ Browse Structure Search Insert Empty Drop	27	InnoDB	utf8mb4_unicode_ci	16.0 KiB	-
<input type="checkbox"/> password_resets	★ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_unicode_ci	32.0 KiB	-
<input type="checkbox"/> personal_access_tokens	★ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_unicode_ci	48.0 KiB	-
<input type="checkbox"/> school_subjects	★ Browse Structure Search Insert Empty Drop	4	InnoDB	utf8mb4_unicode_ci	32.0 KiB	-
<input type="checkbox"/> sessions	★ Browse Structure Search Insert Empty Drop	1	InnoDB	utf8mb4_unicode_ci	48.0 KiB	-
<input type="checkbox"/> student_classes	★ Browse Structure Search Insert Empty Drop	5	InnoDB	utf8mb4_unicode_ci	32.0 KiB	-

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THANK YOU !!!