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

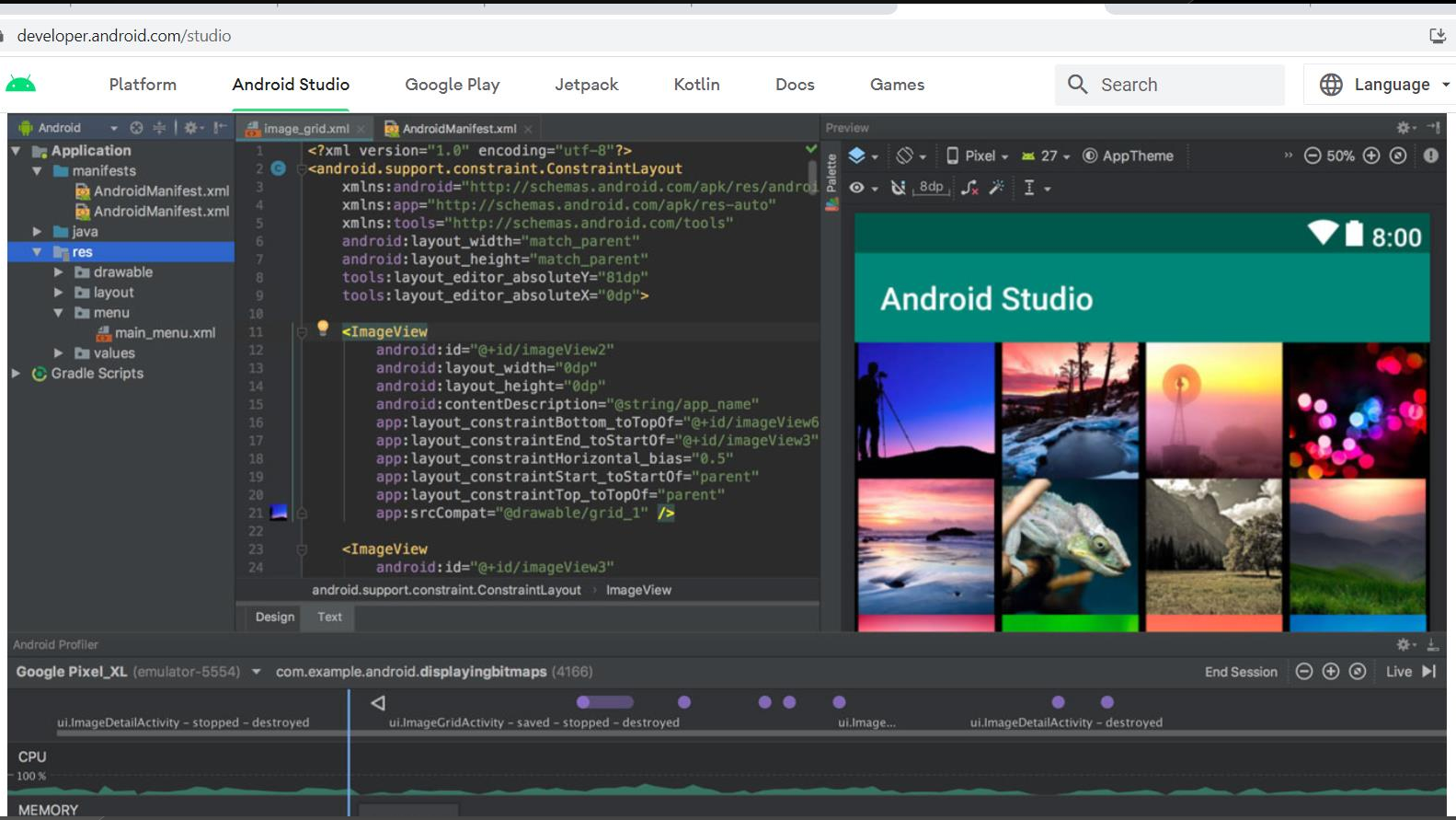
ANDROID STUDIO

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



DEVELOPMENT TOOLS

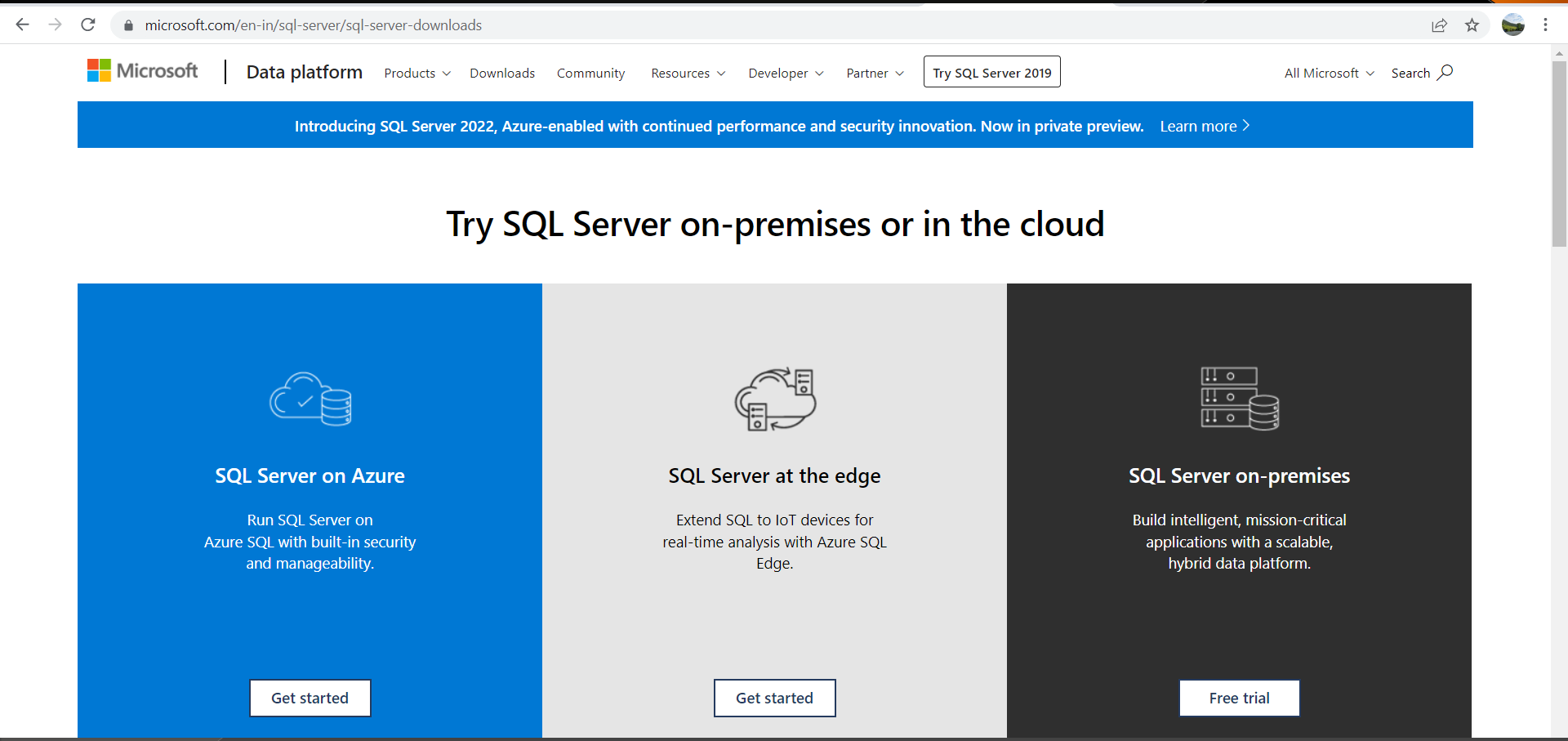
MICROSOFT SQL SERVER

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



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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- Snapshots

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

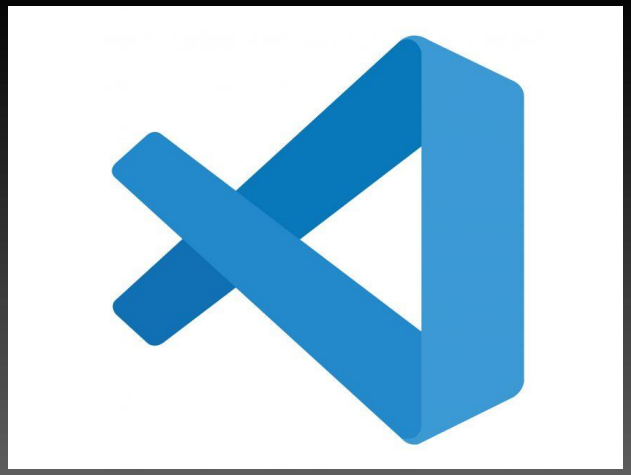
DEVELOPMENT TOOLS

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..

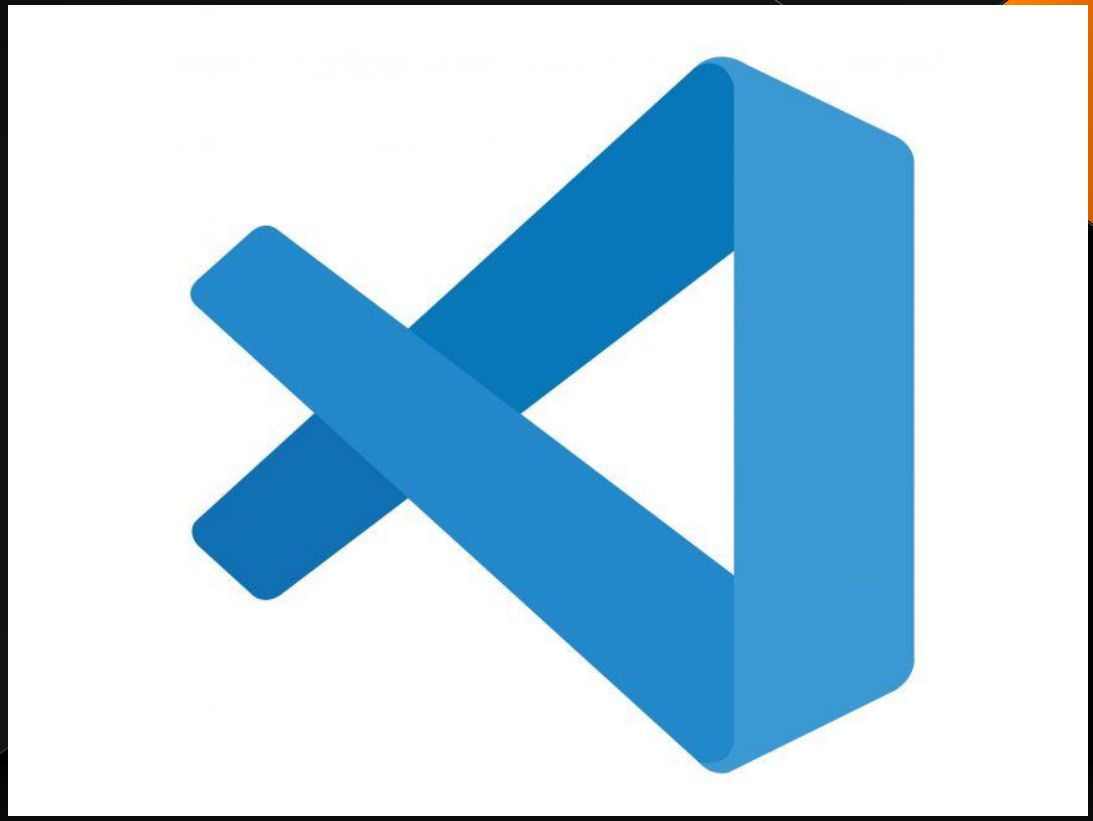
Features:

1. Rich Layout Editor
2. Quick Fixes Suggestion

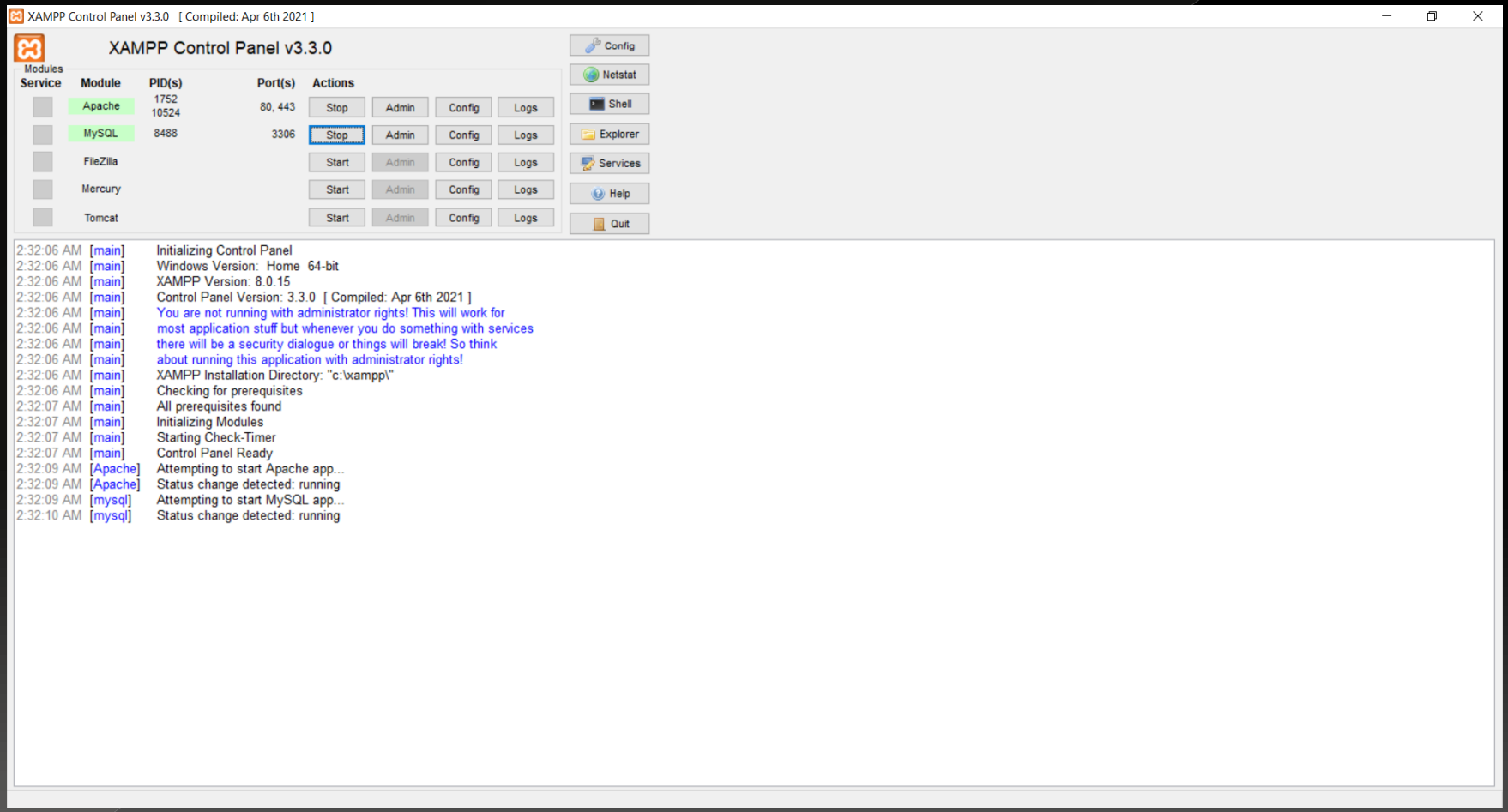


FEATURES

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



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.

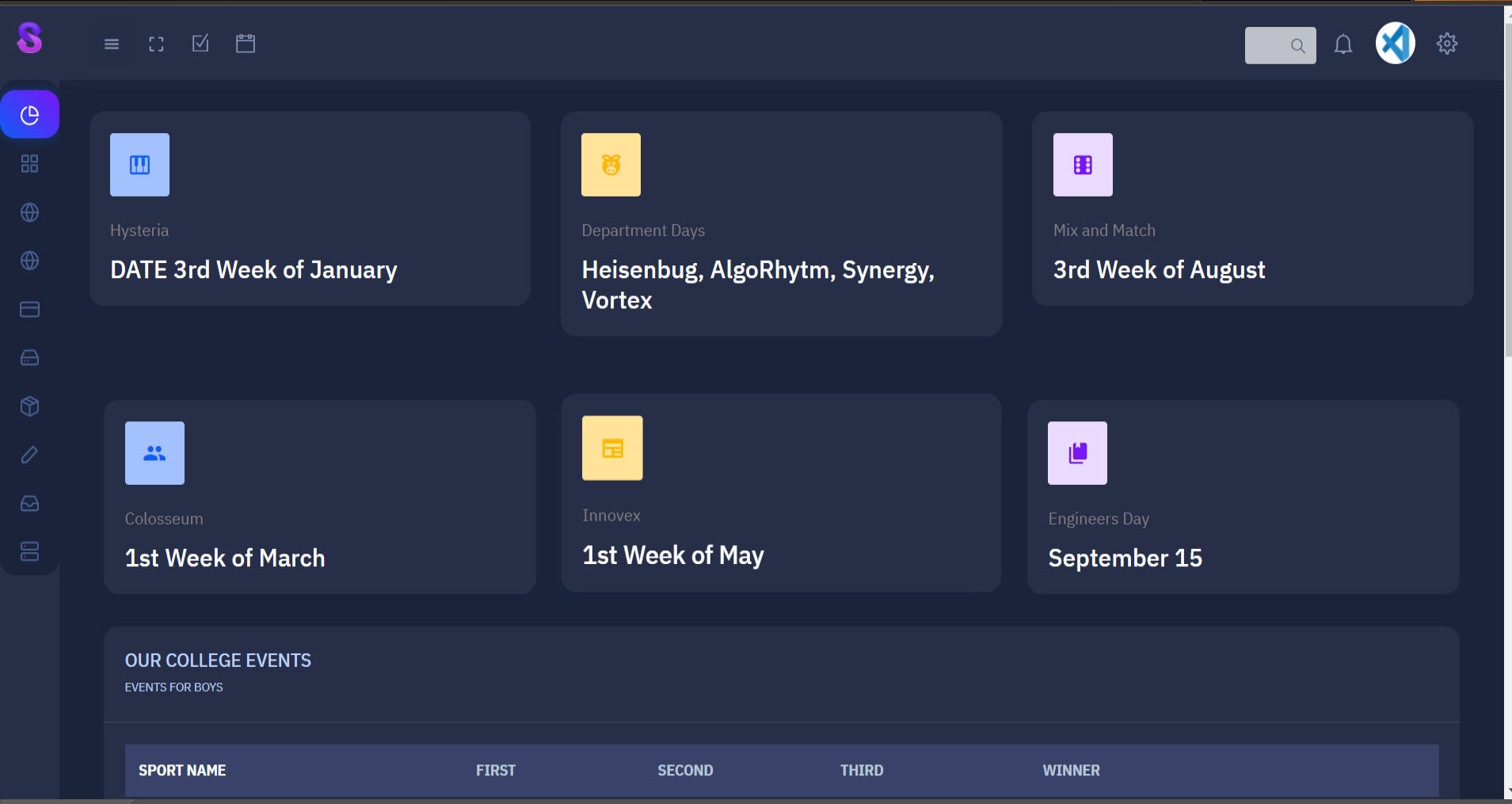
Cons

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

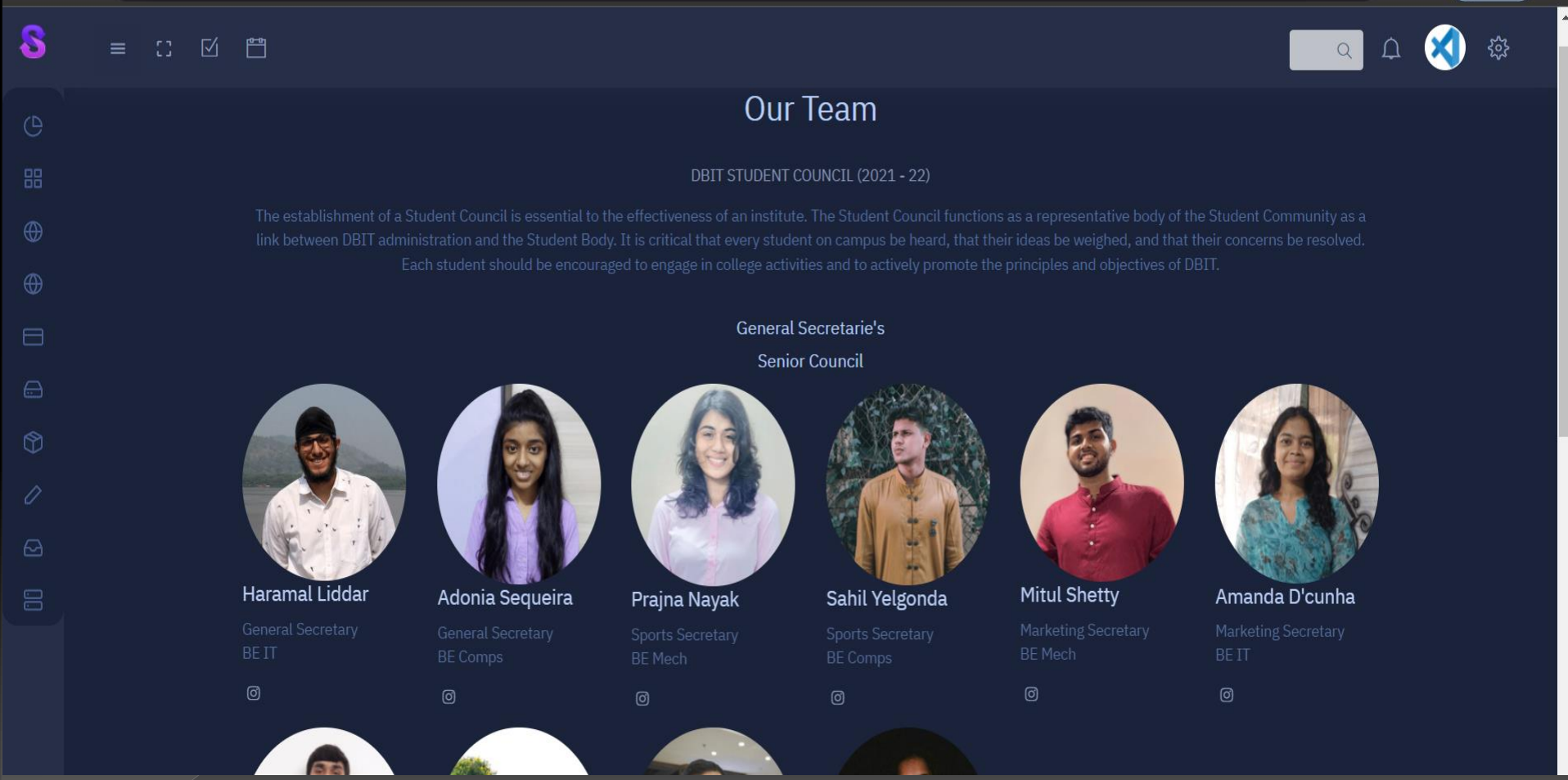
APPLICATIONS

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

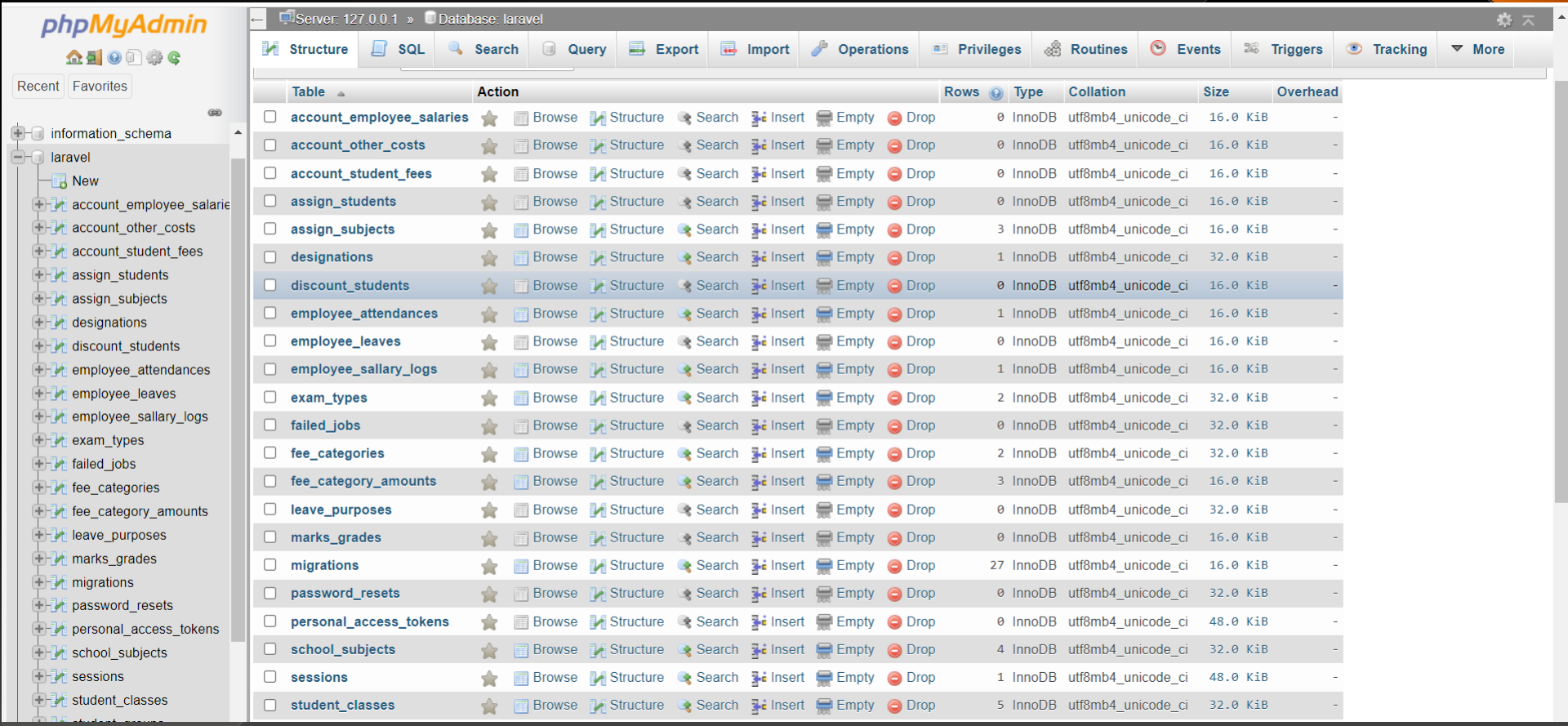
SNAPSHOTS


Hysteria
DATE 3rd Week of January
Department Days
Heisenbug, AlgoRhytm, 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

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



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account_other_costs	Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_unicode_ci	16.0 KiB	-
account_student_fees	Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_unicode_ci	16.0 KiB	-
assign_students	Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_unicode_ci	16.0 KiB	-
assign_subjects	Browse Structure Search Insert Empty Drop	3	InnoDB	utf8mb4_unicode_ci	16.0 KiB	-
designations	Browse Structure Search Insert Empty Drop	1	InnoDB	utf8mb4_unicode_ci	32.0 KiB	-
discount_students	Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_unicode_ci	16.0 KiB	-
employee_attendances	Browse Structure Search Insert Empty Drop	1	InnoDB	utf8mb4_unicode_ci	16.0 KiB	-
employee_leaves	Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_unicode_ci	16.0 KiB	-
employee_sallary_logs	Browse Structure Search Insert Empty Drop	1	InnoDB	utf8mb4_unicode_ci	16.0 KiB	-
exam_types	Browse Structure Search Insert Empty Drop	2	InnoDB	utf8mb4_unicode_ci	32.0 KiB	-
failed_jobs	Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_unicode_ci	32.0 KiB	-
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sessions	Browse Structure Search Insert Empty Drop	1	InnoDB	utf8mb4_unicode_ci	48.0 KiB	-
student_classes	Browse Structure Search Insert Empty Drop	5	InnoDB	utf8mb4_unicode_ci	32.0 KiB	-

REFERENCES

- [1] N. Li and B. Zhang, "The Design and Implementation of Responsive Web Page Based on HTML5 and CSS3," 2019 International Conference on Machine Learning, Big Data and Business Intelligence (MLBDBI), 2019, pp. 373-376, doi: 10.1109/MLBDBI48998.2019.00084.
- [2] L. Meng, "College Student Management System Design Using Computer Aided System," 2015 International Conference on Intelligent Transportation.
- [3] Y. Tang and Y. Zhang, "Design and implementation of college Student Information Management System based on Web Services," 2009 IEEE International Symposium on IT in Medicine & Education, 2009, pp. 1044-1048, doi: 10.1109/ITIME.2009.5236230.

REFERENCES

- [4] F. Yue, "A study of student information management software," 2016 IEEE International Conference of Online Analysis and Computing Science (ICOACS), 2016, pp. 393-396, doi: 10.1109/ICOACS.
- [5] M. A. Kumar, C. M. Srinivas, K. V. Vardhan Reddy and K. K. Kumar, "College Activity Management System," 2018 Second International Conference on Intelligent Computing and Control Systems (ICICCS), 2018, pp. 1-4, doi[3] Y. Tang and Y.
- [6] Clarian M, Rose M M, Josephat K M,Student online voting system,International journal of social science and information technology, Vol IV Issue V, May 2018
- [7] Anagha H, Chetana A, Jyothi B, Mobile Voting System, International Journal of Science, Engineering and Technology Research , Volume 6, Issue 4, April 2017.

THANK YOU !!!