

تطبيق

انجازاتي



final report for cooperative training

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major: information system IS

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course: IS - 490

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location: Ministry of Education-Information
Technology Management Department - Medina

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introduction

collaborative training involves a dynamic approach to learning, where students engage in collective efforts to acquire and apply knowledge.

The Ministry of Education's Information Technology Management Department recognized the need for a collaborative tool to celebrate and share achievements among employees. To address this, a mobile application was developed to enable staff to upload their accomplishments and share them within the department.

The idea of creating the application using (Flutterflow) is to enter the achievements of the supervisors and share them with others and the department head. . The application contains several services and several main pages. Such as the service of creating an account through the ministerial mail only, logging in and logging out, modifying data, attaching files in more than one format, recording their information, and choosing one of the two options, either public or private. The private file is only viewed by the head of the department. As for the public, it is for everyone and is found on the achievements browsing page. The most important pages are the home page, the file attachment page, and the general achievements browsing page. A database has been created for the user, a database of files will be created, and the data will be linked to a database (firebase).

Training Objectives:

01

Learn about mobile application in a real-world setting

02

Gain hands-on experience in all aspects of mobile application

03

To promote a culture of recognition and knowledge sharing within the department.

04

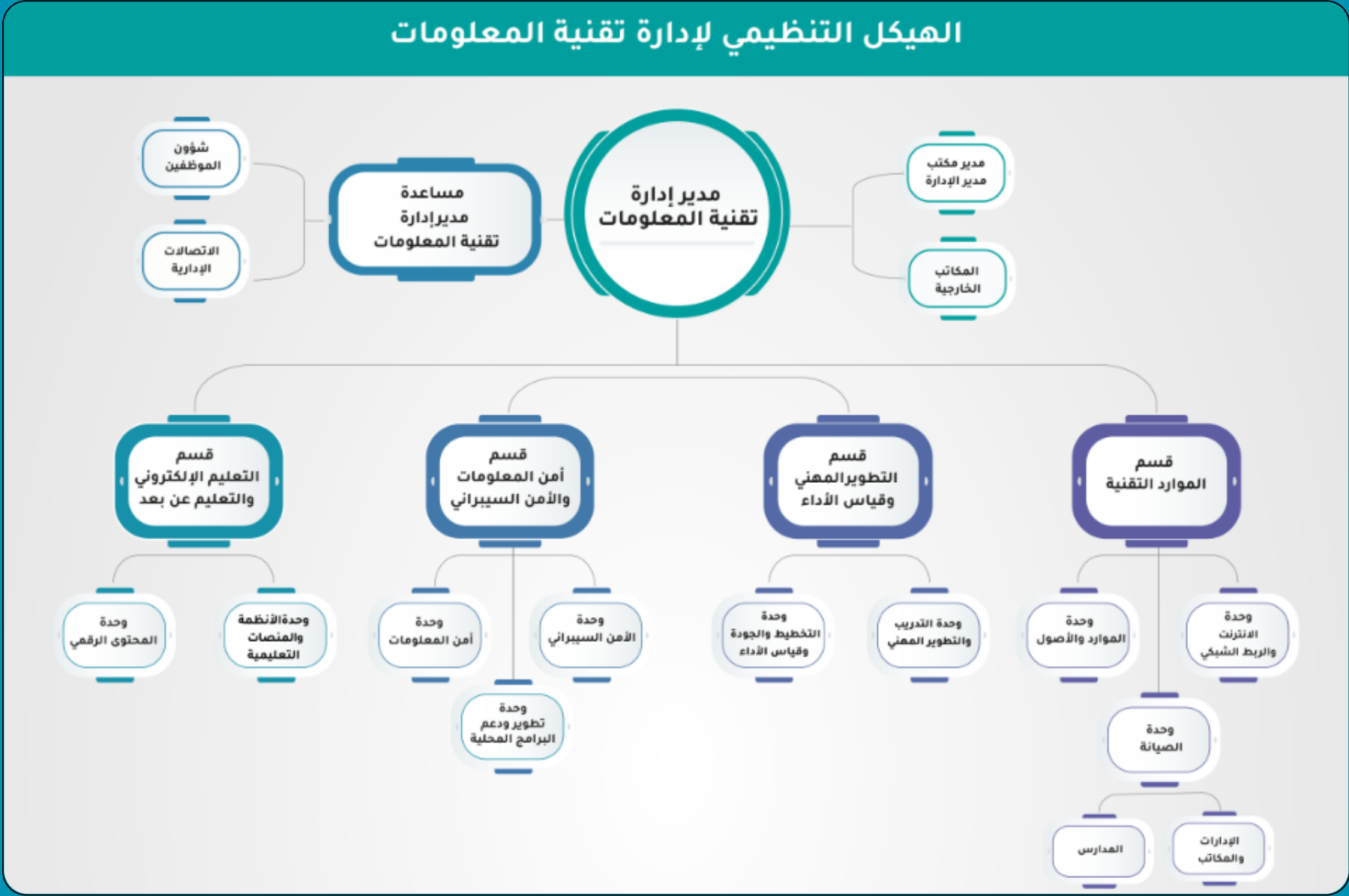
finding the application user-friendly and are comfortable using it for their day-to-day activities

overview of ministry of education- IT department

The Ministry of Education is a government agency responsible for creating strategic plans and initiatives for the effective oversight of information and communication technology (ICT). They establish technical requirements and specifications for the necessary systems and equipment used by both the ministry and its associated schools. Additionally, they offer Internet services, support video conferencing solutions, and manage networking for both administrative offices and educational institutions.

ministry of education- IT department goal:

Striving to leverage computer technology, information systems, and communication technologies to enhance administrative, instructional, and educational procedures and deliver essential data and insights to decision-makers.



assigned tasks:

- **Design and User Experience (UX):** Designed the app's user interface, ensuring a clean and intuitive layout.
- **Testing and Quality Assurance:** Conducted thorough testing to identify and resolve bugs and issues.
- **Data Management:** Implemented data models for storing user profiles and content information.
- **Feature Development**
- **Technology Stack:** Utilized FlutterFlow framework for cross-platform mobile app development. and Integrated a Firebase backend for data storage and user authentication.



Training Methods and Delivery

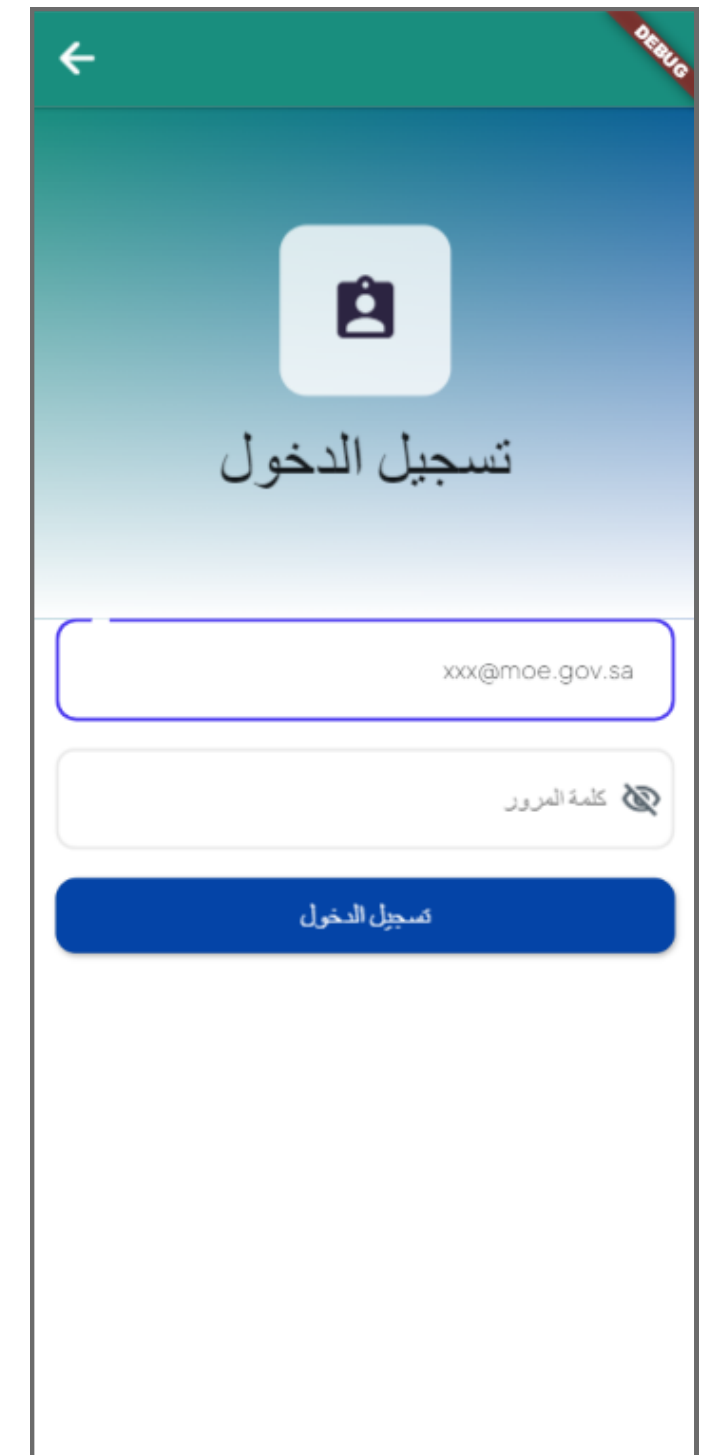
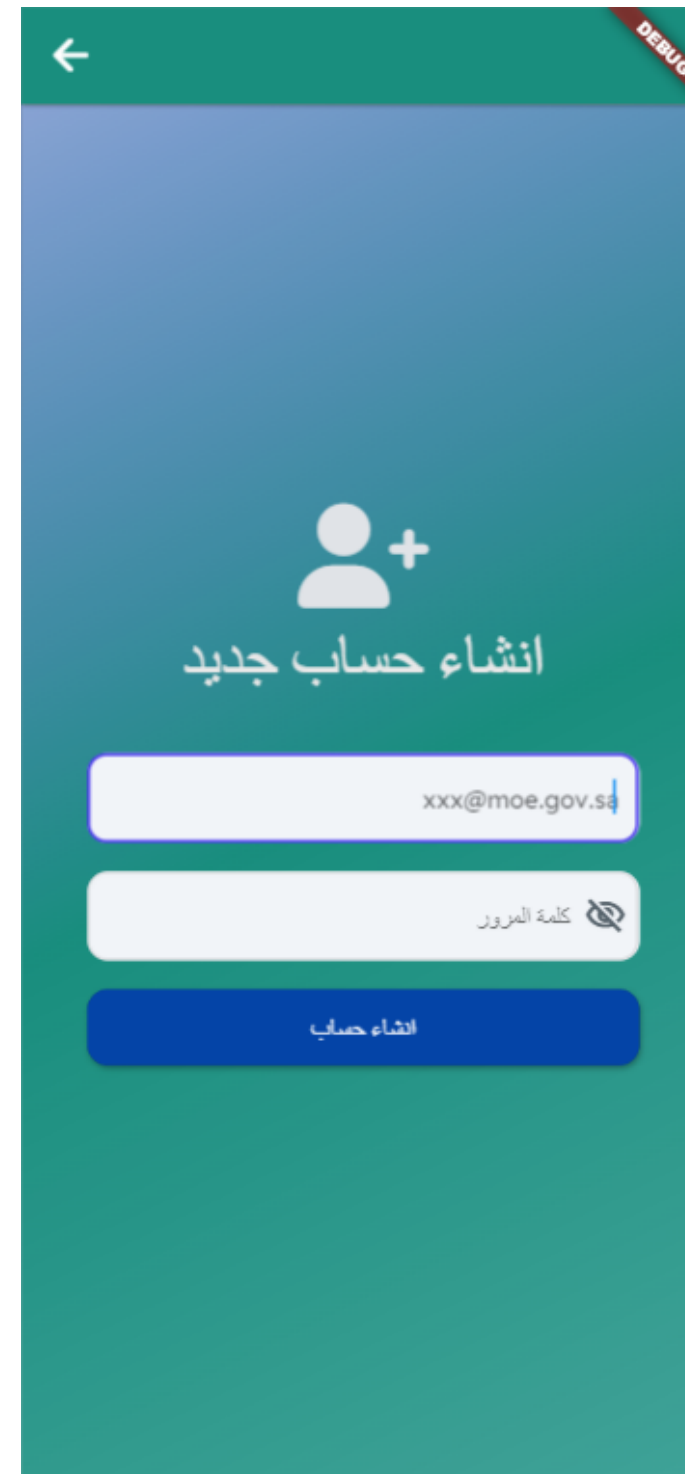
FlutterFlow is a visual development platform for building mobile applications using Flutter, a popular open-source framework for creating natively compiled applications for mobile, web, and desktop from a single codebase. When it comes to training methods and delivering your work using FlutterFlow to create a mobile application.

Firebase is a comprehensive platform provided by Google for building web and mobile applications. It offers various services and tools that help developers create high-quality apps, manage user data, improve user engagement, and easily scale their applications.

Firebase is often used in combination with other development frameworks and platforms, such as Flutterflow, to build fully featured applications and for backend functionality.



Results and Outcomes



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تعديل البيانات

DEBUG

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الهوية

حفظ التغييرات

تم انشاء حساب

←

صفحتي

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انجازاتي

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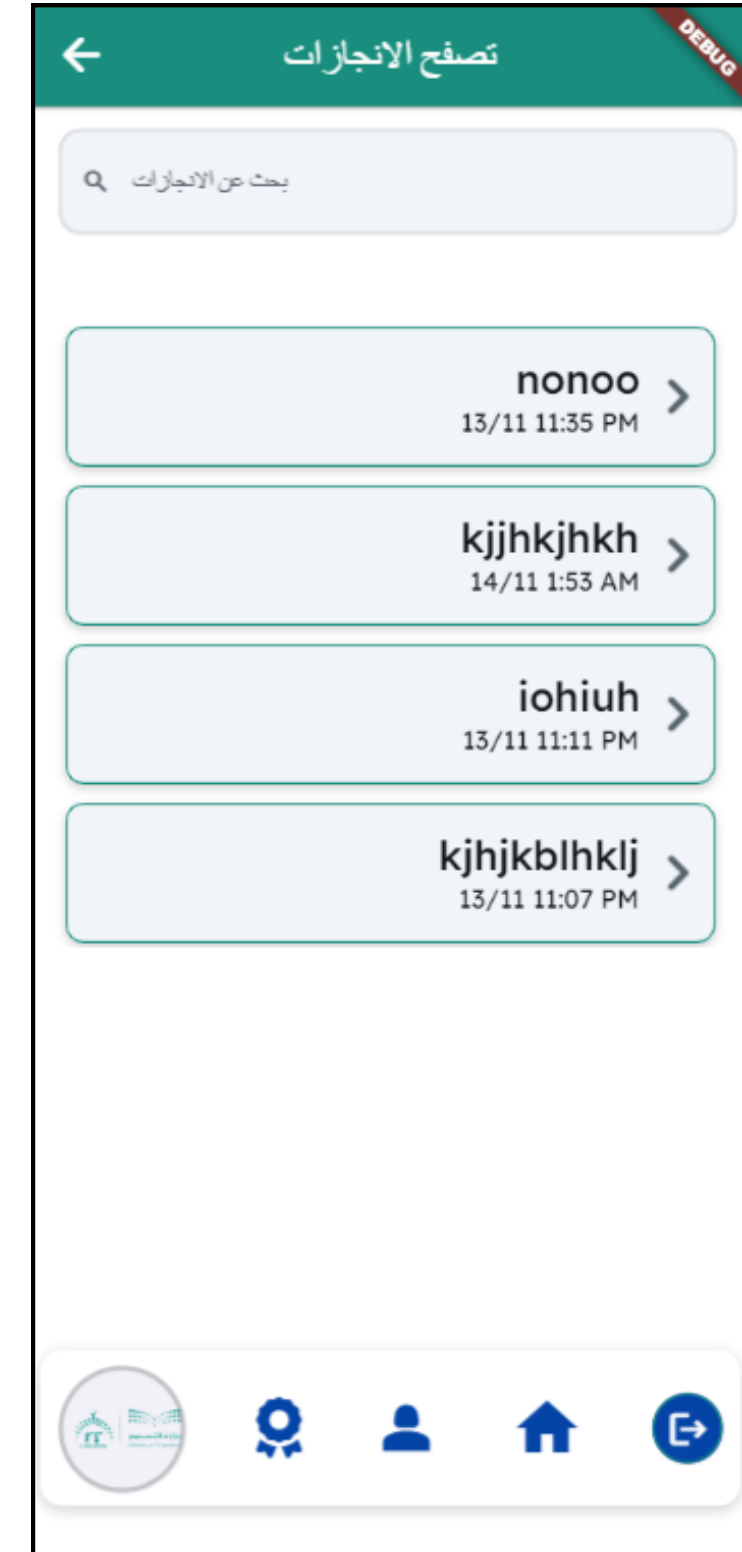
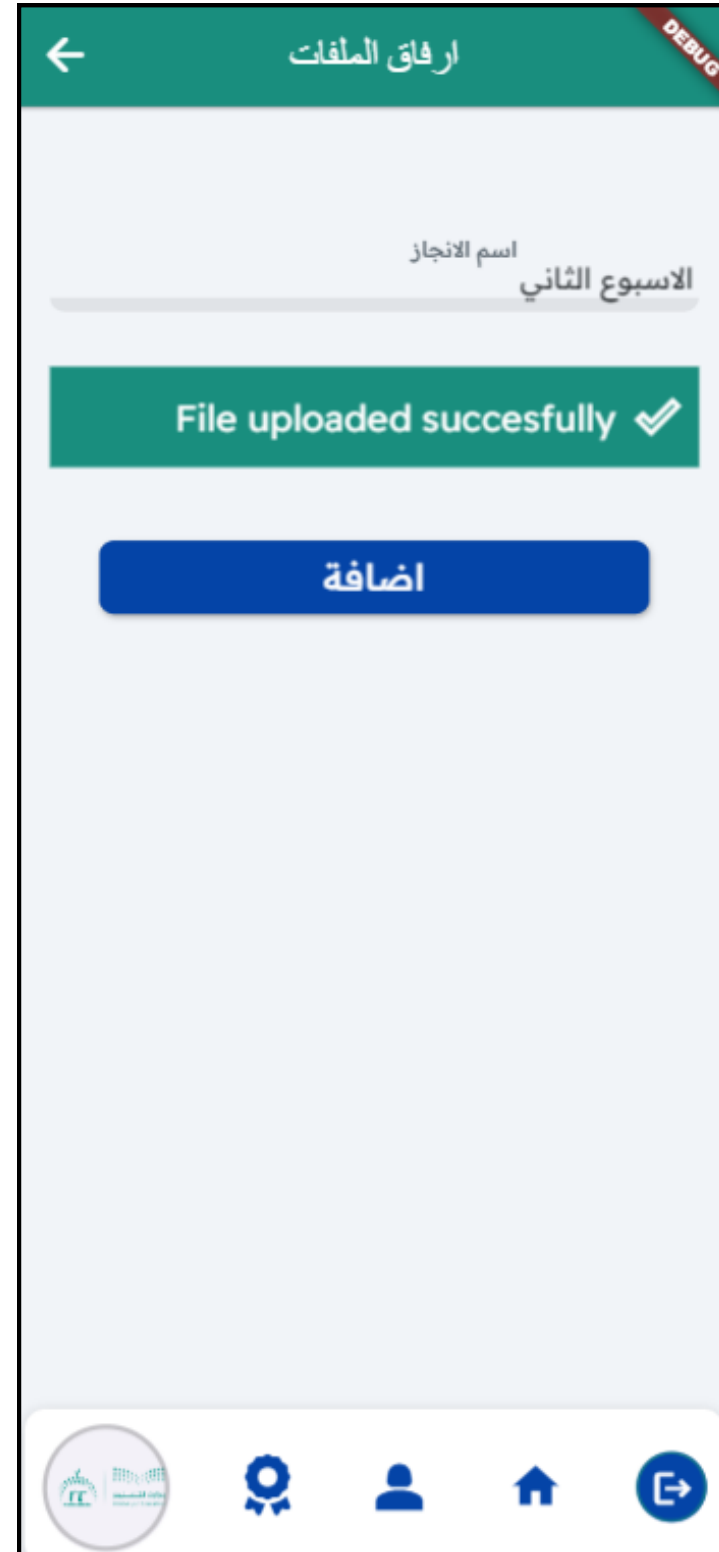
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الاسبوع الثاني 14/11 8:07 AM

الاسبوع الاول 14/11 2:20 AM

اضافة انجاز جديد +



Known Issues

Troubleshooting Info



67%



انشاء حساب جديد

layal200@gmail.com

Please enter a valid address

كلمة المرور



انشاء حساب

Known Issues

Troubleshooting Info



67% +

الصفحة الرئيسية

اهلا layal akram



الانجازات الادارية










استعرض انجازات الادارة










الاسبوع السادس



users Database

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files Database

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Conclusion and evaluation

The collaborative training program and the mobile application have significantly improved the Ministry of Education's information Technology Management Department's ability to share and celebrate achievements.

Skills, experiences, and knowledge acquired:

- I honed my technical skills in mobile application development. I became proficient in using the Flutter framework.
- I also improved my design skills by working on the user interface and user experience of our mobile application.
- Identified bottlenecks and resolved them by optimizing code and database queries. This sharpened my problem-solving skills and my ability to find efficient solutions.
- I gained insights into industry trends and best practices in mobile application development
- I developed adaptability by responding to changing project requirements and unexpected challenges.

Student's Insight: It was a good chance to be exposed to the work environment that I will have to face and practice after I graduate. I have learned many interesting things related to my major such as enabling me to work with technology, data, and systems to support the organization's goals and operations and project management experience

THANK YOU

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