Asem Fathi

Software Engineer ⊙ Cairo, Egypt

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EDUCATION

Ain Shams University   **Graduation:** July 2023
BA in Computer Science   **Military:** Postponed

Relevent Coursework
Data Structures and Algorithms, Introduction to Database Engineering, and Android Java.

RECENT PROJECTS   More projects on Github⬈

E-Market ⬈
Tech Stack: XML, Java, Firebase Authentication, Firebase Realtime
What I did:
- Admin Functions:
    1. Add/delete/edit products and categories
    2. receive feedback & rating on an order from customers.
    3. A chart to be generated with best selling products
- User Functions:
    1. Sign up & login facilities.
    2. Facility to navigate categories and products
    3. Facility to Search by text, voice and barcode (using Camera)
    4. Facility to add several products to the shopping cart.

Project Links: E_Market

Gallery ⬈
Tech Stack: XML, Java, CameraX Library, Picasso.
What I did:
- users would be able to see all the images present in their device in a grid layout structure.
- They would also be able to capture new images that would get stored on their device.

Project Links: Gallery_App

Music App ⬈
Teck Stack: XML, Java, Storage Permission
.What I did:
- the user able to search for a song present in their phone storage.
- They able to play, pause, and stop a song.
- fetch all the songs from phone storage and display it in the form of a list.

Project Links: Music App

Online Quiz ⬈
Teck Stack: XML, Java, Firebase Authentication, Firebase Realtime
.What I did:
- A Teacher added the quiz's questions and can show the score of each student
- A student answer the questions and can show his score

Project Links: Online_Quiz

Tic-Tac-Toa⌁

Tech Stack: XML, Java.

What I did:

- Tic tac toe is a two-player game wherein the players will have to choose either X or O in a 3×3 grid.
- *The first player can choose any position in the grid and both will get one move at a time.*
- *The player who succeeds in placing three of their marks in a horizontal, vertical, or diagonal row wins the game.*

Project Links: [Tic-Tac-Toa](#)

ADDITIONAL

Programming Languages, Frameworks & Databases: C++, Java, Python, Android Studio, XML, SQL, Firebase

Volunteering & Activities: President @ Robotech ASU, Android mentor @ Support ASU.