ABDALLAH MOHAMMED ODEH

Palestine Nablus • +972569535262 • a.odeh817@gmail.com

Computer Systems Engineer Education

10/2016 – 02/2022

Faculty of Engineering and Information Technology Arab American University

Courses:

-Data Structures   -Embedded Systems   -Algorithms

-Databases   - WEB programming   -Linux

-Computer architecture   -data & computer networks

-Networks Programming   -Advanced digital systems design

-Principles of object oriented programming -Artificial Intelligence

Skills

Programming Languages

C++, Java, Python, VHDL SQL, HTML, CSS, JavaScript

Databases

Oracle

Training

Isra' Software & Computer Co:

web programming: HTML , CSS , SASS , JSON , JavaScript , React JS

Projects

Smart Money Bank With A Mobile Application Senior Project 2021

This project solves the problem of counting and recognizing the banknotes in the money bank. This project is a system consisting of four main subsystems. The first subsystem is a smart money bank which can recognize the entered banknotes by the user and can display the total amount of banknotes inside it on a display screen built in the frontend of the money bank. The money bank can recognize banknotes of the values 20, 50, 100, 200 ILS. And 5, 10, 20, 50 JOD. The design of the money bank is based on utilizing four main components: processing unit, sending unit, display unit, and banknotes input unit. The second subsystem is a cloud server that holds the entire system database. The third subsystem is a mobile application that is connected to the money bank through the cloud server. The mobile application can display the real-time

value of the total amount of banknotes inside the money bank in different currencies. Finally, The last subsystem is an API "application programming interface" which provides our system the real-time values of the currencies. These four subsystems work with each other to achieve the best user experience in using the "**Smart Money Bank With A Mobile Application**" system.

References:

- Dr.Sami Awad

Lecturer, Faculty of Computer Systems Engineering

Arab American University

sami.awad@aaup.ed , 0599207589

-Zeyad Abed Aljalil

Software Developer Engineer

 Isra' Software & Computer Co

zead@iscosoft.com , +970599359364