**Portfolio**

A list of my selected programming projects containing, websites, native android apps, and desktop softwares. The list is incomplete and all my projects are available on my portfolio at <https://portfolio.anomoz.com> along with their source codes on GitHub (<https://github.com/AhsanSn>)

1. **Anomoz (v1) and (v2):**

An anonymous chatting website where people can chat in groups on different topics. People can also be invited on one's wall. All users are notified in case of a new message. Uses PHP and JQuery to operate.

*Preview:* [*https://ww.anomoz.com*](https://ww.anomoz.com) *[v1],* [*https://a.anomoz.com*](https://a.anomoz.com) *[v2]*

1. **Meme Viewer:**

A cross platform meme viewing software created using Electron that shows memes on your desktop after every 3 seconds. It also downloads new memes from the internet in the background using the google custom search API.

1. **Compendium for games:**

A cross platform software created using Electron SEGA type compendium where people can play game of their choice. The compendium contains many games and contains the feature to add new games - locally as well as globally to the server. Initiated as a project so that students taking OOP course, can add their projects here.

1. **Fami Chat:**

A video group chatting Android app for family and friends created using ionic. Contains options of creating and joining a chat. Easy to share urls.

*Preview:* [*https://famichat.netlify.com*](https://famichat.netlify.com)

1. **The Waste Food Project:**

This project in the form of a website that aims to make the donation process, quick and convenient. It brings the Food Donors and the Food Takers (FNUs) closer through this website. This project makes the food donation process super easy by connecting the food donors to all those food needing institutions in Karachi. Done as a part of the ‘Karachi Civic Innovation Lab’ internship.

1. **Dragon Ball Z:**

This Dragon Ball Z Game is a fighting game where you select one of the three characters to beat all the enemies. Goal is to reach the other end of the map. You can collect mana after you kill an enemy to use super powers. Game ends when you lose all your health. Contains options to load and save a game. Created as a part of the OOP course project.

1. **ePaste:**

A Text snippet sharing website where you post a text snippet like a URL on the website, and then when someone opens the website, the snippet is displayed there. When one clicks on the snippet, it gets copied on the clipboard. The website can hold up to 5 snippets at a time.

1. **Trashit Go:**

An Android app made for the startup "Trashit" for their marketing purpose. Similar to the Pokemon game, where you collect Pokémon’s, here you have to collect seeds in order to level up. The app contains a payout and leaderboard section for bonuses and competition between users. Made using Ionic.

1. **Copy Prevention System:**

A copy prevention system created on python that allows you to sell your closed source software safely, preventing its users from creating further copies and selling them. Each user has a separate activation key that activates the software from an online database. The mac address of the computer is then stored in an encrypted file located inside the computer that makes sure that the software runs only on the computer where it was activated.

1. **Paint – Graphic Editor:**

A graphic editor windows software where you can create different colored rectangles, lines, and dots using your mouse, while using the drag functionality. You can also use mouse and keyboard keys to undo and redo your actions. Created on C++.

1. **Smart Text Editor:**

This simple to use text editor windows software, created on C++, allows you to read and write text files. Along with it, it contains two features. One is the read more feature. Suppose you read a file with thousands of lines. When the file is opened using this software, it only shows you the first 24 lines. It then asks you whether you want to read more lines or not. If 'y' is pressed, it displays all the thousand lines. Second feature is the suggestion feature. It suggests you a correct command if an incorrect command is given.

1. **USB Copier:**

This software without a GUI, created on python, allows you to peek inside a USB in a second and copy all of its contents to your computer. It fetches all the directories and sub-directories in that USB and save their list on your computer so that you can have a have a look at their USB content anytime you want. Also, the program is super-fast, it will fetch all the information in less than a second. It contains another function that copies those files in the USB to your computer.

1. **Keyboard Spy (Key Logger):**

This simple to use key logger windows software, created on Python, runs in the background and stores all the key presses without giving a slightest clue that its recording everything. Data is stored in a file in encrypted file. It’s advanced version (closed source) sends these key presses to an external database using APIs.

1. **Common Network Chatroom:**

It implements a rudimentary chatting application. The application runs on a client/server model which means that there is a server and some clients. Different computers can communicate under a network. Created on C, this software run only on Linux and uses the Multi-threading mechanism to achieve its functionality.

1. **Clipboard App:**

A rebuild of my Clipboard App created using Ejs and Express, a web development module of NodeJs. Uses callbacks to deal with asynchronous requests. Stores the messages in the database that can be retrieved later.

1. **Hotel Management System:**

A simple Hotel-Management-System Simulation created on C++ that lets you simulate costumer check-ins and check-outs. From room number, floor number, to the drinks consumed, it simulates everything. It contains further options that can be used to get further data from the simulations.

1. **Instagram Hashtag Detector:**

An Instagram Hashtag Detector that uses Instagram's API to fetch user data using a click of a button. Can be used for Instagram marketing in order to provide incentives to faithful customers. Was built as a marketing strategy for Trashit.

1. **YPay:**

An online payment app currently under development that allows users to transfer credits using QR code scanning. Being developed to be tested in Habib University cafeterias. Currently, closed source.

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