NATIONAL UNIVERSITY OF COMPUTER & EMERGING SCIENCES, KARACHI CAMPUS

THE TAX MASTER

DS PROJECT REPORT

Section-4G

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- ## Title:

The Tax Master

- ## Acknowledgment
We would like to thank Sir Basit for helping us in our project and some help was taken from stack overflow and some random YouTube channels regarding filing with linked list.

- ## Introduction
The Tax Master is a one stop solution for helping a layman calculating his/her tax without any hassle. Linked List is used to store data in this code, the permanent source of database is file and filing along with linked list is used to integrate three different organizations i.e. NADRA,FBR & local bank data

- ## Tools and technologies used
Visual Studio 2019 & Dev cpp were used.

- ## Work Load Distribution
The project workload distribution was divided in such a way that each member gets a chance to make the functionalities of the code as well as implementing some logical part. In this regard as we planned of using linked list as a major resource for manipulating data as it is initially transferred from a text file to a node of the linked list, specifically talking about this feature this was a combined effort as this was a technical issue which was not taught in the course. Furthermore there were there are in total six functionalities in the code out of which two were created by each member. Lastly talking about joining all the functionalities, making headers and adding some minor features which add to the beauty of the project were also dealt combined.

o **Implementation:**


```
                              Hey!!

                            Welcome to

       T    A    X    M    A    S    T    E    R

           Enter 1 to Proceed as Citizen :-)
           Enter 2 to Proceed as Admin :-)
           Enter any other number to Exit :-(
```



```
         T   A   X   M   A   S   T   E   R

           Your CNIC is NADRA verified. You may proceed now.
           Press 1 to calculate Income Tax
           Press 2 to calculate Property Tax
           Press 3 to calculate Vehicle Tax
           Press 4 to calculate Education fee Tax
           Press 0 to Exit

                           1
           Please enter your CNIC again for calculating income tax
                         12201
           The Income Tax is:36000
```

```
T   A   X   M   A   S   T   E   R

Your CNIC is NADRA verified. You may proceed now.
Press 1 to calculate Income Tax
Press 2 to calculate Property Tax
Press 3 to calculate Vehicle Tax
Press 4 to calculate Education fee Tax
Press 0 to Exit

                        3
Please Enter your Vehicle Registration number:
                      2003
The Withholding Vehicle Tax is:3750
```

```
T   A   X   M   A   S   T   E   R

              Successful Login

Please enter your choice for viewing data record
1. Press 1 for viewing FBR data
2. Press 2 for viewing Bank's data
3. Press 3 for viewing Nadra's data
4. Press 4 to go back to Main Menu
5. Press 5 to exit
```

- **Summary:**

  We have made an electronic platform which allows a citizen to pay various taxes to government, it also enables a common citizen to pay all taxes easily without any prior knowledge of Taxation laws. A basic interface is used to display all options and perform tasks of user's choice.

- **Project Folder:**

  https://drive.google.com/drive/folders/1EBWb80xEQcn_7hspVRRVZ1MiiW0q6y88?usp=sharing