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**Section: CS-F21**

**PROJECT PROPOSAL**

Title: ***The Driver’s License test***

**Description:**

This project asks the user to enter his credentials. The program will move forward only if the user is ***above 18.*** Then it will ask the user whether he wants to apply for a Motorcycle or Car license.

Then, it will ask a few questions from the user related to driving. A score will be displayed and if the user gets enough score, he will be given a license.

The questions are related to driving, such as a ***red screen will appea***r and ask the user what action he will perform if this is on the light signal.

If the user can answer 75% of the questions correctly, then the program will ***generate a license*** that includes his credentials and further Procedure.

This project also includes some visuals.

**Functionalities:**

Following are some possible functions required for the project

* Welcome Screen
* Input Credential
* Validation
* Test type
* Questions
* Print Score
* Create License

**Knowledge required for this Project:**

* If-else
* Switch-Statement
* Loops
* Arrays
* Functions
* Strings
* Pointers
* Recursion
* Structures
* Custom Header File
* File Handling

**Libraries For this Project**

* **<stdio.h>**
* **<stdlib.h>**
* **<windows.h>**
* **<string.h>**
* **<time.h>**
* **“custom headers”**

Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Signature of Student: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Signature of Professor: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_