

Assignment 2

- Kiosk for picking time slot for G, G2 drive test:

(Continue from assignment 1, make sure it is working correctly)

- In this application you will simulate some of the actions that you perform in Drive test center. But here you have greater flexibility to pick the time of your choice. You will also develop an extension of this application by adding few other user interfaces to perform different actions. Mainly entire application consists of following parts:
- 1. Driver Interface (a person who wants to take G2/G license)
- 2. Examiner Interface (a person who takes driver's exam)
- 3. Admin (a person who adds schedules and other stuff in the portal)

Assignment 2: MongoDB setup, Data Model and CRUD operation

- **Day 1 (Week 4): [Day when assignment was released]:**
 - Create MongoDB account, use connection string and mongoose to connect to DB. Add User Model, may be with few fields only. [Mark 1]
- **Day 2: [Week 5]:**
 - From G2_page, add data to Database. For this part, you may add FirstName, LastName, Age only. (You will establish proof of concept by adding small piece to data from UI into DB) [Mark 1]
 - Now when user clicks on Save button, it will save the data to Database.
- **Day 3 [Week 6]: Entire Assignment due [Mark 10]**
- You will start from where you left previously
- Allow user to enter data in G2_page and save them in User Collection
- For time being, you can allow to enter duplicate License Number **(later we will make it Unique)**
- Create appropriate User Model to save data **(FirstName, LastName, Age, License Number, Car details). Note: add data in appropriate format, ie Age should be Number format**
- On the G_page, you ask user to enter License Number, previously entered from G2_page
- Fetch information from User Collection and display on G_page, User will enter License Number to fetch data from DB
- If No License Number found, Display message - "No User Found", Display an ability for user to go back to G2 page or directly take user to G2_page
- Once user found in the database, display that information on G_page (User can't change personal information, only Car Information can be changed)
- Allow user to modify, car information etc from G_page, and save them to Database if user updates them. Simply overwrite the previous data. Store only newer data
- Also make sure you add simple validation check on the data
- Do not allow to modify Name, DOB, License Number
- **Summary: In this assignment you allow user to enter data from G2 page, save them to DB and fetch those data from G page, and allow to update them.**

- **User Model:**

```
{  
  firstname: "  
  lastname: "  
  License No: "  
  Age: "  
  car_details: {  
    make: "  
    model: "  
    year: "  
    platno: "  
  }  
}
```

G2_Page would look like this:

Book DriveTest

DASHBOARDG2_TESTG_TESTLOGIN

G2_Test

G2_Test Booking Page

Fill Personal Information

FirstName

Demo

LastName

Demo

Age

19

License

Demo

Car Details

Make

Tesla

model

Model X

Year

2020

Plat Number

xyz

SEND