Website Proposal

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**Python Programmed App for Maksatly Carpet Dealers**

In my Web Technologies and Programming class, I decided to build my future business website by implementing my knowledge about HTML, CSS, JavaScript, and PHP and the programming skills that I got from this class. Following that, I want to continue using my coding skills regarding my future business plan, for instance, I decide to create an app for the Maksatly Carpet Dealers. Briefly about my future company. Referring to my Website Proposal, last semester I decided to open a Maksatly Carpet store and create its website as I aimed to help customers find beautiful and suitable carpets, especially Turkmen Carpets, for their homes, rooms, and even offices. Additionally, Turkmen Carpets are considered famous and observed by carpet experts as descendants of the purest and oldest carpet-weaving traditions in Central Asia. Therefore, my future business plan is to run a carpet store by selling Turkmen carpets and this proposal will introduce you to the overall operation of a python programmed app for carpet dealers and some typical interactions a user might have with the system. In the last pages, you will see a couple of rough sketches for the interfaces for the website.

**How it works:**

The app will be created only for carpet dealers of Maksatly. However, some of the employees of Maksatly can also have access to the app for tracking the inventory or managing prices and checking dealers’ work.

**Users’ Story-1 Entrance**

The first page of the app will ask to put the User’s Email, Password, and Employee Id. If they will put all of the required information right they will be able to enter the app, if not, they will be asked to contact the IT department.

**Users’ Story-2 Table**

When the users will enter successfully after providing the right information, they will be able to see the table that shows information about the carpets of Maksatly. Following that table will consists of 6 columns.

1. Number/and posted date. The number of the carpet will be based on the posted date, for example, the newly posted carpets will take the last numbers.
2. Carpet’s name. Users can see the name of the Carpet.
3. Carpet’s size- Users can see the carpet’s size which is based on width (inch) x height (feet).
4. Price- Users can see the carpet’s price in USD.
5. Sale Status- Users can see sale status such as in stock, sold, or returned. However, only the assigned dealer of each carpet will have access to edit the sale’s status. For example, when dealers choose

* **Option 1-In stock.** It asks them to provide store names such as eBay, Amazon, or own Makstaly online store and so on.
* **Option 2-Sold**. When the dealer chooses this option, it asks to put the date of sale and upload the receipt.
* **Option 3-Returned.** When a dealer chooses this option, it requires them to provide returned date and explain the reason for the return. The system accepts 0-60 days between sold date and returned date. In other words, the system will not allow them to dealer choose the returned option if the carpet is returned 60days after it was sold.

1. Dealers’ name- Users can see which dealer is assigned selling which carpet.

**User’s story-3 Searching and Adding.**

On the top of the table, the user will be able to see a search button where they can search or filter by carpet’s name, posted date, sale’s status, price, size, and dealer’s name. On the bottom, they can see add button which will take a separate page. Clicking add button user can add carpet by answering the required information. However, only carpet dealers will have access to add the item as their employee id and employment account information is required. In general, in order to add the carpet to the table users, specifically, dealers, need to write carpet’s name, carpet’s size, price, their full name, their account username, their account passwords, and their employee ID. If they provided correct information the carpet will be successfully added to the table.

**See the attached sketches of possibly page layouts:**

**Users’ Story-1 Entrance**

A white tiled wall with writing on it

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**Users’ Story-2 Table & User’s story-3 Searching and Adding.**

**Diagram, schematic

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