

## Desktop PC Customizer

Desktop PC Customizer is an online application that allows users to customize and buy Desktop Computers with components according to their need and budget. The system contains various hardware and software components in their repository and database, which can be picked by the customers to build their custom PC. The system provides a customizer GUI to users for searching and adding the PC components like RAM size, processor type, motherboard etc.

**The system consists of 3 user levels,**

- First of all the **Administrator** who Controls the entire Application's routines such as managing other users, controlling application processes and profit loss management.
- Under Administrator there will be **stock and sales managers** whom are responsible for managing component stocks and sales respectively. This stock manager manages the stock.
- Third user is **assembling and packaging staffs**, whom takes the orders assembles components according to the orders and send it to respective customers. The system will assign the orders automatically to them.
- And finally The **end Users** who can customize PC's according to their need and Budget. The system also provides an Auto customizer for those customers who do not know much about the technical aspects of components, by just taking their preferences and plan.

### Modules

#### **Admin:**

- login to the system
- view all the users.
- View products
- Add Managers
- Add staffs
- block and unblock the users.

#### **Managers**

- login to the system.

- Can add products to the stock as required.
- View profile and edit profile.
- Can view customer needs.

### **Staff**

- The person who customize system according to customer need.
- He can login to the system.
- See customer needs and then build according to that.
- Can view and edit profile.

### **Customer/ Guest**

- can register and login to the system.
- He can choose the requirements needed for his pc.
- Can customize single pc or for bulk orders.
- He can customize each items like motherboard, processor etc according to his requirements.
- If the customer is not aware about technical aspects he can use automatic customization option.
- Here the system is customized either with required budget or with type of customer(student, business etc).