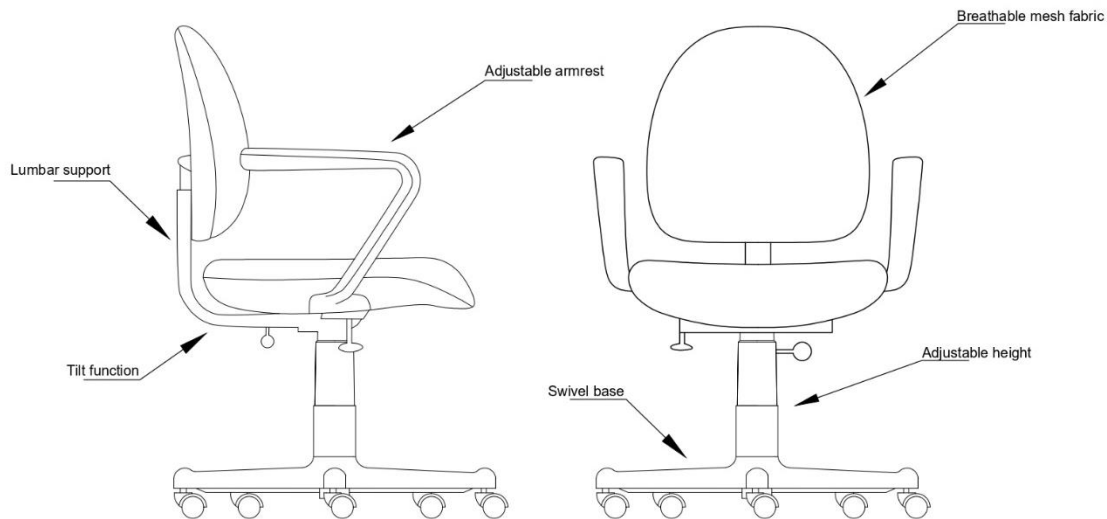


Design Thinking Class Assignment

Prototype of chair:

[Made on AutoCAD]



This chair designed to be made with high-quality materials that offer durability, style, and functionality. It is made with a combination of materials, including breathable mesh fabric for the backrest and seat, and a sturdy metal frame for added stability. The chair is ideal for users of ages 15 - 40, especially those who work in offices, studios, or home offices. It is suitable for anyone who spends long hours sitting at their desk and requires a comfortable and supportive chair. This ergonomic chair is designed to support a variety of tasks, including computer work, writing, drawing, and other desk-based activities. This chair can be used on a variety of surfaces, including hardwood floors, carpets, and even tile floors.

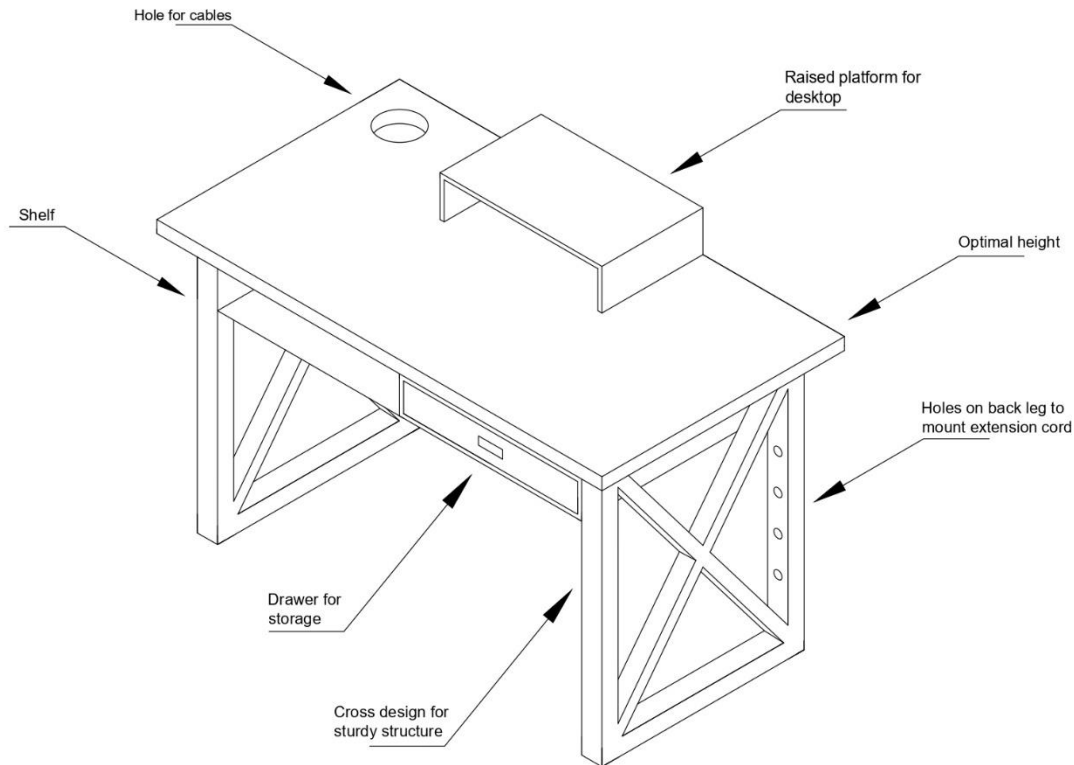
Features:

- **Adjustable height:** The chair can be adjusted to the user's preferred height, ensuring proper posture, and reducing strain on the back and neck.
- **Lumbar support:** The chair includes built-in lumbar support that helps to maintain the natural curve of the spine and reduce lower back pain.
- **Adjustable armrests:** The chair's armrests are adjustable, allowing the user to find a comfortable position that supports the arms and shoulders.
- **Tilt function:** The chair has a tilt function that allows the user to recline the backrest to a comfortable angle, reducing pressure on the lower back.
- **Swivel base:** The chair has a swivel base that allows the user to easily rotate and reach for items on their desk.
- **Breathable mesh fabric:** The chair's backrest and seat are made with breathable mesh fabric that promotes airflow and keeps the user cool and comfortable.

It is perfect for anyone who requires a comfortable and supportive chair to enhance their productivity and reduce the risk of discomfort and injury.

Prototype of desk:

[Made on AutoCAD]



I have designed this desk which is made of metal and is best made for its durability, strength, and modern aesthetic. The metal material offers a sleek and stylish look that will complement any decor, while providing a sturdy and long-lasting workspace. This type of desk is ideal for users of ages 15 - 50, especially those who work in industries such as architecture, engineering, and design where a large workspace is necessary.

Features:

- Optimal height for good posture: reducing strain and improving productivity.
- Corner hole for cable management: keeping cords and wires organized and out of sight.
- Holes in the back legs to mount an extension cord: making it easy to plug in and power up all necessary devices.
- Drawer for storage: keeping pens, papers, and other small items in order.
- Shelf for additional storage: providing more space to keep items within reach.
- Raised platform for the desktop: providing a more ergonomic workspace.
- Cross design for structural stability: ensuring the desk can withstand the weight of all your work materials.

Whether you are working on a computer or sketching designs, this metal desk is a stylish and functional workspace that provides a reliable and comfortable work area for a variety of tasks.