


## Practical-8: Responsive Design using Constraint and Auto Layout.

**Definition:** Create a design on the Shopping System app that builds Constraint and Auto Layout in Figma. Ensure the realigns responsively when resized.


### Solution:



**Waterway**

**Boating Knowledge:-**


The best travel spot theory is subjective and depends heavily on individual preferences. and desired atmosphere destination for a particular person.



**Trainway**

**Train Experience:-**

A train, in general, refers to a series energy sources like diesel or electricity. The railway track itself is a structure of steel rails on which the train runs, facilitating its movement.



**Roadway**

**Road Experience:-**

Road knowledge encompasses understanding and applying. This includes knowing traffic laws, recognizing road signs, and being aware of potential hazards.

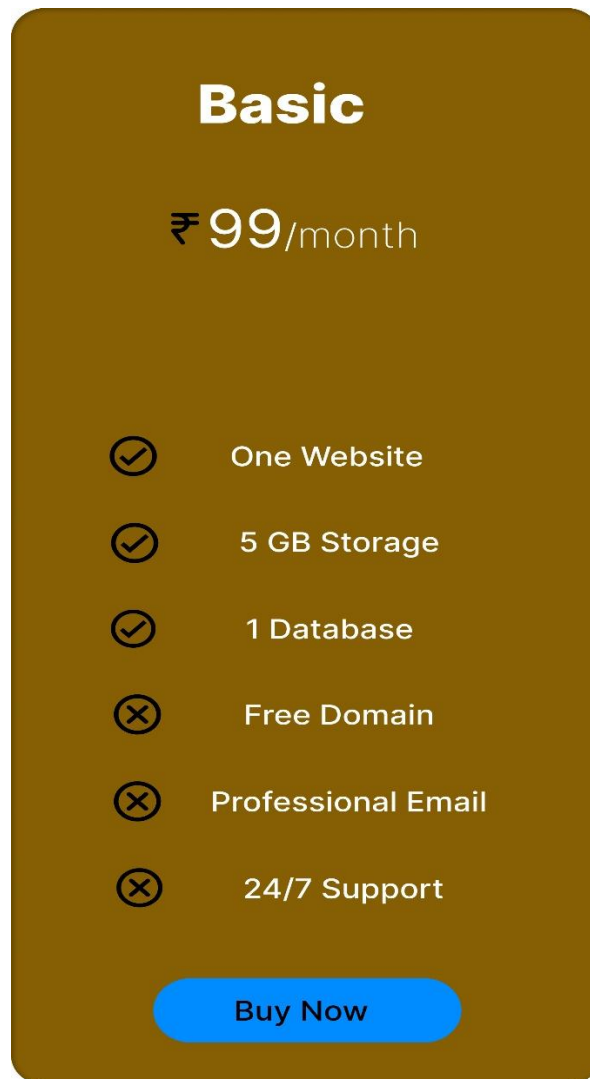
### Working:

- First, open Figma. Add a new Figma design file.
- Rename a file as 210\_Practical-8\_AutoLayout.
- In this design, the following tools are used for a particular operation:

Tools Name	Use	Properties
Macbook Air 1:	Used as a main frame for Blog cards.	Width: 1486px Height: 1153px Color fill: #FFFFFFF Corner radius: 0px Resizing: Fill Container

		Shift+A Wrap
Text-Box	To write text for Blog card on it.	Width: 743px Height: 73px Corner radius: 0px Typography: Inter, Extra Bold, 45.
Android- Compact: 1, 2 & 3	Used as a 3 frame for Blog cards.	Width: 412px Height: 917px Opacity: 100% Color fill: Linear (#751C1C, #28384B) Corner radius: 25px Auto Layout: Alt+Shift+A Resizing: Fix Width, Hug Contents
Text-Boxes	To write text for Blog card on it.	Width1: 211px Height1: 69px Width2: 212px Height2: 54px Width3: 229px Height3: 74px Width4: 98px Height4: 28px Opacity: 100% Corner radius: 0px
Rectangle	Used to put image in it for masking.	Width: 223px Height: 55px Opacity: 100% Color fill: # 008CFF Corner radius: 50px
Images	Used to put images on it.	Width: 340px Height: 365px Opacity: 100% Corner radius: 18px

### Solution:



### Working:

- First, open Figma. Add a new Figma design file.
- Rename a file as 210\_Practical-8\_Constraint.
- In this design, the following tools are used for a particular operation:

Text-Box	To write text for Price card on it.	Width: 743px Height: 73px Corner radius: 0px Typography: Inter, Extra Bold, 45.
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Android-Compact: 4,	Used as a frame for Price cards.	Width: 412px Height: 917px Opacity: 100% Color fill: #865F04, 064645, 008C1A Corner radius: 25px
Text-Boxes	Used to write Text on it for Price card.	Width1: 110px Height1: 28px Width2: 333px Height2: 268px Opacity: 100% Corner Radius: 0px Typography: Inter, Mixed, Mixed, Auto, 0%, Right & Top.
Line	Used to Separate in the Price Card.	Width: 412px Height: 0px Opacity: 100% Corner radius: 0px Stroke: Center, 1, None, None, 100%
Icons	Used to show Rupee, Tick & Wrong Symbols.	Width1: 54px Height1: 54px Width2: 41px Height2: 41px Opacity: 100% Corner radius: 0px
Buy Now Button	Used as Button.	Width: 223px Height: 55px Color Fill: #000000, #008CFF , 100% Corner Radius: 50px Constraint: Center, Bottom

- Export your design as a JPEG file.