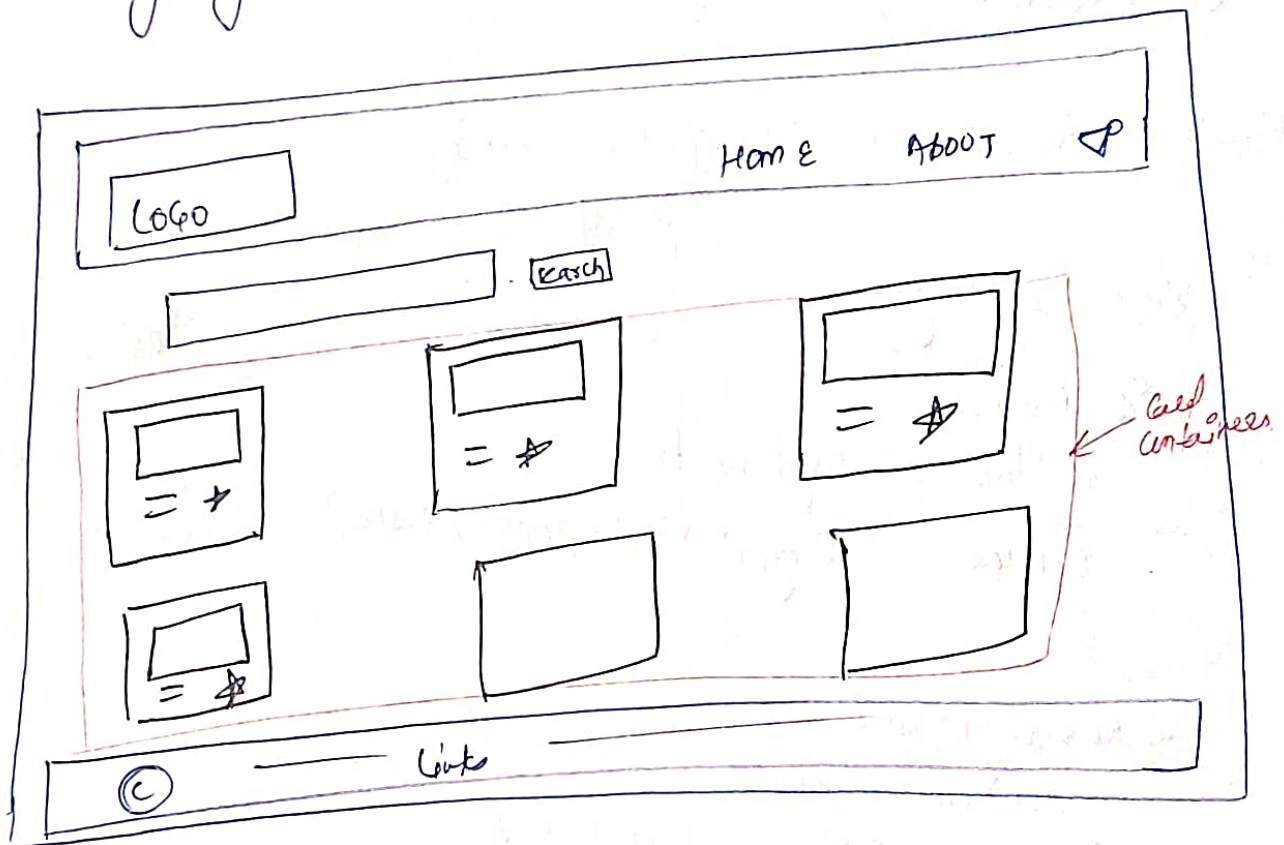# Talk is Cheap, show Me the Code

<u>Planning</u> — For Creating Food Ordering App

Planning is the very Imp don't directly start writing the code when we have visual representation / picture in our head It's very easy to write App.

* Header
- Logo
- Nav Items

* Body
- Search
- Resturant Container
- Resturand Card

\# footer
- Copyright
- links
- Address
- Contact.

Props

Props are just Normal Arguement to a function.

Passing a Prop to a functional Component is just like Passing an Arguement to a function.

Ex <Resturant Card/> is functional Component.

const Resturant Card = (props) => {...}

While Composing f.c

```
< Resturant Card
    res Name = "meghana foods"
    cuisine = "Biryani, North Indian, Asian"
/>

< Resturant Card
    res Name = "KFC"
    cuisine = "Burger, fast food" $
/>
```

← Props

cuisine
We can give anything
which we want to
give like
States, have to believe

React will wrap these props into object and pass it to functional Component.

Note b ✶

When You have to dynamically pass in some data to a Component
Pass in as Props.

How to Read Props

✓ Props is Js onjat

{○} { props.resName }
{ props.cuisine }

Or
```
Const Resturant Card = (props) => {
    const { resName, cuisine } = props;
    return (
```

De structuring on the fly

const Resturant Card = ({ resName, cuisine }) => { ... }

* Data Come from Backend in form of JSON.

Config Driven UI

Ⓠ Our Website is Driven is Config (Data)
We have written UI once canbe controlled by data (Config)

* If we have to change background colour to delhi, Mumbai etc
and need to provide different offers for different one.
It can be done by config. We can pass it as config
and UI will be controlled by config.

```
Const ResturantCard = (props) => {
    const { resName, cuisines } = props;
    .
    .
    .
    <h3> { resName } </h3>
    <h3> { cuisines } </h3>
```

```
const ResturanCard = (props) => {
    const { resData } = props;
```

what ever Pae pas hou will come here.

while declaration
```
<ResturantCard resData = {resObj} />
```

Note:

Whenever you are doing map you have to use key
and key should not be generated for using Index

```
{res List. map ((resturant) => (<ResturantCard
```

```
{res List. map ((resturant) => (
    <ResturantCard key = {resturant.data.id} resData = {resturant} />
))}
```