```
Class Restaurant

public:

vector Cemplopee 7 all-employees();

int all-money();

int avascustoness();

private;

Owner arrer; vector(consumer) cons;

vector (Employee) hosts;

vector (Employee) wasters;
```

Employee Class Consumer class Wolldie. mode c: Virtual Virtual in ay () = 6, ( pre vatual **int** tip () =0; (pre virtual) prosected. piblic midec ) Morce int size, time; TClass Ch TCIUSS HOST-Cluss boluster. Struz tuble; pulstic employee BUDEL Employee public E public Jarbh ( gueur string)
M Skill 1 public prhase. class colorby. class Walk-in 4491 Reserved. Set (Stray) tunges; rouble: : public consumer vector ( de Enployee) Chess? purdu consumer puttic consumer Vold Gok MARCE TOUTH to Vold SINE-ORCH

class owner

Abstract classes: Consumer, Employee
Not Abstract Classes: Rostdurant, walk-in, Roservez, Celebrity,
Writer, Host, Chef.

## Explanation:

I chose consumer and employee to be abstracy classes to that they can be a prototype for each class through inherty whichever one An inhertes classes will define the pure virtual functions the source themselves I drawn specify then in the drawnam boll of redundancy. I added unrique data members to each class (if necessary) to support out the functionally required by the production such the last retrieving orders from a table and bringing them to a cheff without have a table and bringing them to a cheff without have aware, they can assign a cheff to cook Finally, the class Restaurant has corner, these, howers, are united, and only recessary apealogisms.