-> 2014 e (24) Ziad Ahmed Hendany (53) Mohard Amed EL-Rayad (51) Mohamed Ramadan (63) Mohard youldef EL Sewich Exta ds indexing e add Index Exterior LEXT ends Set index properties

There are multiple & diffrent types of wers here such as types of wers here such as Admin & developer & client Admin & developer & client User is thehich one of those !!?

Mohamed Sood

Structural To result Set to recline time as looping Structural To fagad: To make it simpeler by minimizing classes.

creational = Singulton: in Index writer as only one object is created in System in Italy with the d La 1900 :- in Index Senther as there is limitted un berof created instaces so we reuse avoited instruce lather than creating rewomp 1- be haveral design pattern. -> State := as we have Two ways of sorting which must be implemented in the System Strategy is better here
Mohand Sand

Result iterator

Result iterator

Thus Mext

Los Mext

Result iterator

Result iterator

Creates

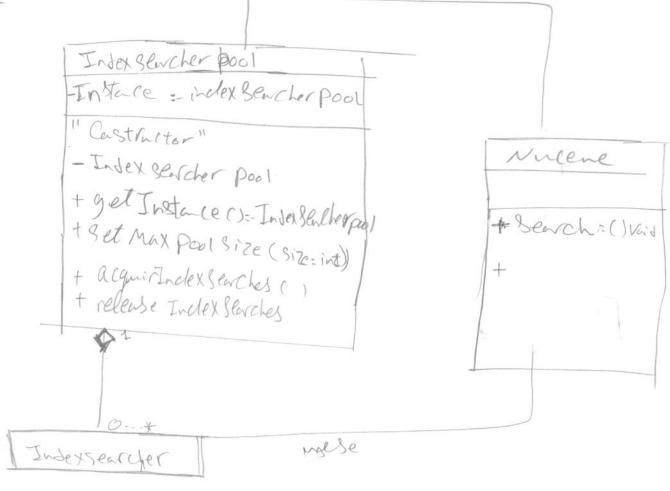
Creates

Hagael :-Result set Nucene Index writer +Serch 1)=1618 Findex () 7-16:13 index Starcherfor Index sews her

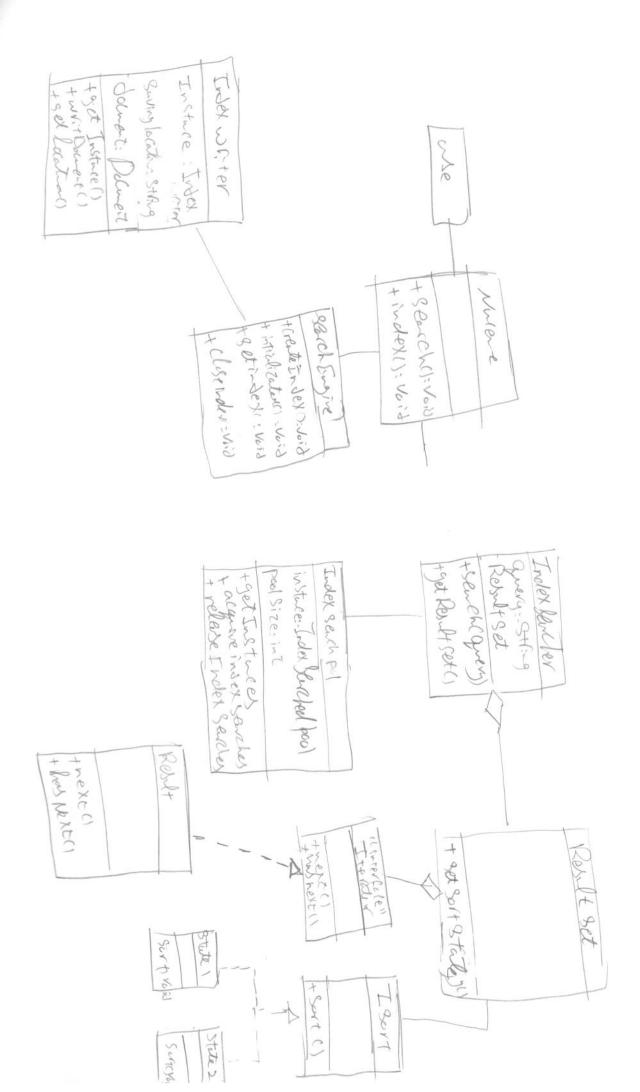
State .-Unter face "
Sort Result + Sort 11. Void estate 2 State 1 + SOTEC): Vaid + Surtl: Vaid Singelton

	Ind	ex 1	2	er	
- 11	nsta	(e .	-Ind	RWA	ter
	inte	Xwl	iter		1
+0	get	Inst	tuce	():	-
1			vex w		
1					1

P001 3-



De Street



We need Sequence decignan in Q5 public Olub UI implements Observer & Public voit update (Observable obs , Object O) If (obs instruce of Index sewaher pool) { If (Obsopool Size () >= 99) { buttor. Set Color (Color, RED) 5 Tehn; 3 else ? It (obs. get Dolment Nuber() > = 1000 000) } button-Set Color (Color, RED); button- Set Clor (Color-GREEN); Dublic lass Index SeacherPool extends Observables Private int Poolsize = 25; Private Static instance = null; private Index search Pools ? public Static Index Searcher pool get instace? If (instace = - hull) else instace = new Indexsearcher pool 1); 7 retin instage

public Index slarcher acquire Index Searcher()?

Notify()

If (have KenSuble Objects())?

Neture get Reusuble Object();

Pool Size +;

Neture new Index Searcher ();

S

Pool Size +;

Notiface > Observable

Observable

