1FB105-WEGKS NORMALIZATION V Flat File (Excelsheet) RAW DATA Price Invois - PERSON PROSUCT + SEMANHICS INFORMATION ORMY (ONCEPNAL ROBEL moblems? Redundan(g) loss of info Inconsistence in info 12-MAPPING Relational schema - the output is already in 3RD NF

Full functional dependencies? - An attailable is fully functional dependent if you can find that attailable just by knowing the the. Stu DOB | 28 Gree FACULTY SUSTPICT No Result SWAMME StuNO Science 0 5/06/90 MEDIGNE 1 John Fully Functional Dependenties trasitive dependencies - Studen/NAME - SUND (dependent ON NON PIC) - StuDof -> StuNo Result _ subject - DeGnee -> Stuno Subject -> DEGREE - faculty = stuno Postposite PN is A Pawilh more th PARMAL FUNCTIONA DEPENDENCY SWNo Unitcole Vorstpace Unit teacher -> Unit code

PK: ? StuNo? Ofter: NAME, Address...

Single PK

PK: ? StuNo, Unitcode, PACULTY 9 --
Composite PR = PARTIAL

FUNCTIONAL

DEPENDENCY

NORMALIZATION:

(trying to MANE our DB Efficient By
betworks Renumbercy, info (oss, AND INONSIS...)

this unit wa cover 3 NORMALISATION
FORMS.

TNE:

- EACH MABLE MUST HAVE PK. V Moll No - Single value on Attributes. (Alomic Attributes) - Unique NAMES GOR Attributes

. Attribute - column

-) table is Not is INF!

A If Sibilite Values Affectules are violated then you will need to update the Pk

-> WHAT HAPPENS IF YOUR TABLE DOES NOT HAVE APR?

3NF.

A table is in BNF if:

- it is in 2NF - there are no transitive Dependencies

CATARINA'S METHOD:

Du: ? Student-id 4 NON Pu: ? name, rug-No, branch. address? FOR EACH Attribute that is Not A Pu Ask:

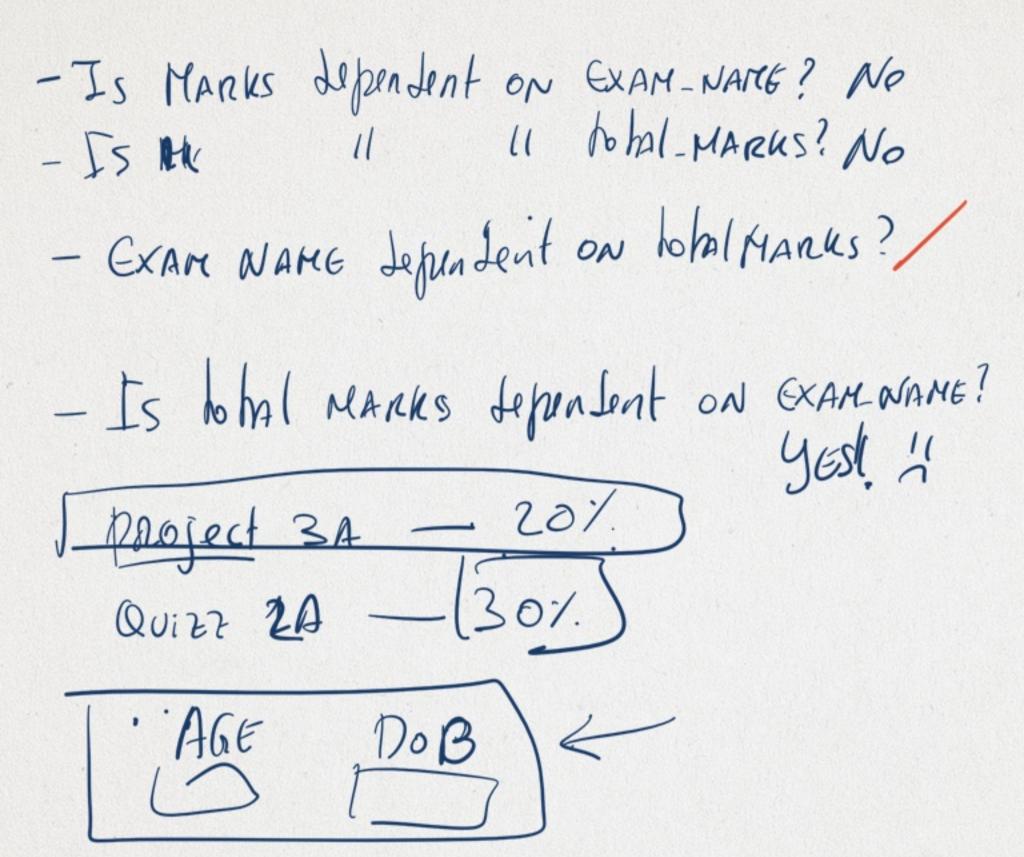
- Is NAME dependent on reg-No? Nov 11 11 11 11 Appress? Nov

- Is bleg-No Lepentent on WAME?

> there ARE NO TRANsitivE DEPENDENCIES ON

Address - 9 Postcole

Strut NAME Postcole 4107 123 Whateurst 4/07 125 Whateverst 4207



TRANSITIVE PEPENNENCIES

REMARCHNO, BRANCH ADDRESS, telno S

Staff table

Staff No NAME [Position SALARY Branch

BRANCH TABLE

BRANCH TABLE

NESTED FACT type

