DDL Command Monday, October 2, 2023 11:22 PM 14) Oct 15 CO 1 7 The second seco
Monday, October 2, 2023 11:22 PM What is SQL? -> It is a glineal programmer languages used for management and manipulating dutain relational database.
Il all aus: CULD sodde créale up date d'etimene
Types of Sgr Commands
CREATE DOLL DELETE DX 8P TRUNCATE SELECT
Committed according to the control of the committed of the control
DDL Commands for Tables) Dol commands for Dutulase
CLEATE TEUNCATE DKOP
Dota I wegnity - accuracy + consisting A data should in a data base.
Various method to ensure data Integrity;
1) Constraints -> II is a rules that must be med for data to be CURD in database tubles.
2) Transcations: Sing le unit of work (complete, return back if not complete)
3) Normalization: minimize data redundany f

data consistency by organizing data into Seperate tucks. Creating tubles seperate is also 'Normalishan'. She cause it reduce reducedant as.

Constraints on MySal

- 1. M7 NLL
- 2. UNIQUE (combo)
 - 3. Primay key
- 4. Auto INCREMENT
- J. CHECK
- 6. PEJAULT
- 7. foreign KE-7

Leferential Actions

- 1. ltSTRICT (above ove)
- 2. CASCADE (update Idelete à cre table Change to another table)
- 3. SET NIL (A sed mule, if there is no values)
- 4. St 1 Defand (1')

Solquenes.

CONSTRAINTS Tables _ cal_constructs ConsTRAINTS (cals)

ConsTRAINTS users _ email_unique UNZQUE (emails)

ALTER TABLE COMMAND

The 'ALTER TABLE' Statement in SQL Is used to midily the structure of an existing tables.

L. ADD Columns

2. DELETE Columns
3. Modify Columns

ALTER TABLE cushmens ADD COLUMN pursued VA KINAR(277) MTNULL
ASTEK-name

ALTER TABLE Cushmers Deop Column panward

ALTER TABLE Cushmers MODIFT Column Surname INTEGLE AUTO. INCHERET

Editing RDELETING CONSTRAINTS

1. nad

2. Detele

3. tdt x it cannot be edit

ALTERTABLE Cushmers ADD CONSTRAINTS cushma _age. Check CHECK (age >13)
ALTERTABLE Cushmers modify CONSTRAINTS cushmen_age_check CHECK (age >)
ALTERTABLE cushmers Dep ConsTAINTS cushmen_age. Check

ONIGUE: user.id INTELLE MOT NELL

UNIGUE: email VAX CHARLEIT) UNIGUE

andrey CONSTRAINTS wers_email_unque UNIGUE (email)

Primay Key: User. id INTEGER NOT, NUL PRIMARY KEY
AUTO INCLEMENT: User. id INTEGER NOTO, INCKENENT

CHECK: age INTEGER CHECK (age >6 AND age <25)

DEFAULT: france-date DATE DEFAULT CURRENT_DOFT

foreign Key: CONSTRAINTS orders-fr FORELGN KEY (Cid) RESERENCES Collines (Cid)

Cascade:

ON UPDATE CASCADE

STANILITY . L.

SET NULL:

ON UPDATE CASCADE

SINC —

ON DELETE SET NULL

ON UPDATE SET NULL

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