## Users id 🔑 integer varchar NN username varchar NN password varchar NN role boolean isActive timestamptz NN createdAt timestamptz NN updatedAt deletedAt timestamptz

Materials	
id 🛭	integer
name	varchar NN
description	text
createdAt	timestamptz NN
updatedAt	timestamptz NN
deletedAt	timestamptz

Devices	
id Ø	integer
name	varchar NN
serialNumber	varchar NN
manufacturer	varchar
createdAt	timestamptz NN
updatedAt	timestamptz NN
deletedAt	timestamptz

MeasurementCondit	tions
id Ø	integer
imageMode	integer
lightSource	integer
ovdLED	integer
phosDelay	integer
spotZoom	integer
iris	integer
filterLink	integer
fluorescenceSp	integer
fluorescenceLp	integer
bandpassFilter	integer
diffuser	integer
cameraFilter1	integer
cameraFilter2	integer
stageX	integer
stageY	integer
IR_LED	integer
colorIR	integer
digitalZoom	integer
dimmerLevel	integer
brightness	integer
gamma	integer
exposure	float
integration	float
gain	integer
sharpness	integer
focus	integer
lensFocus	integer
description	varchar
createdAt	timestamptz NN

updatedAt

timestamptz NN



timestamptz

Users	
id 🔑	integer
username	varchar NN
password	varchar NN
role	varchar NN
isActive	boolean
createdAt	timestamptz NN
updatedAt	timestamptz NN
deletedAt	timestamptz

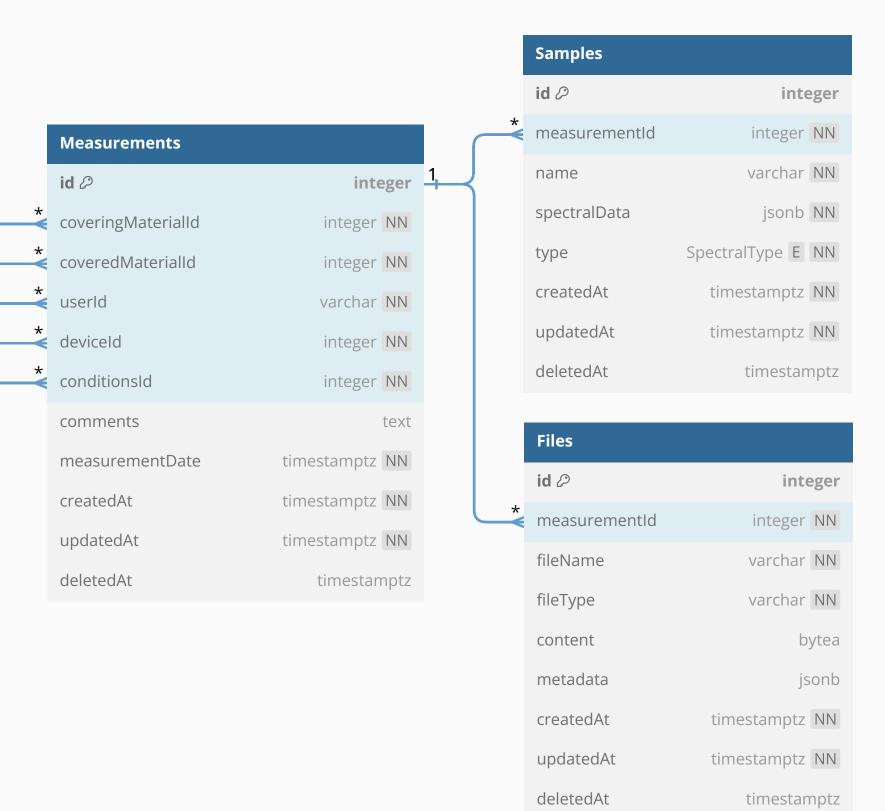
Materials	
id Ø	integer
name	varchar NN
description	text
createdAt	timestamptz NN
updatedAt	timestamptz NN
deletedAt	timestamptz

Devices	
id Ø	integer
name	varchar NN
serialNumber	varchar NN
manufacturer	varchar
createdAt	timestamptz NN
updatedAt	timestamptz NN
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MeasurementCondi	tions
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dimmerLevel	integer
brightness	integer
gamma	integer
exposure	float
integration	float
gain	integer
sharpness	integer
focus	integer
lensFocus	integer
description	varchar
createdAt	timestamptz NN

updatedAt

timestamptz NN





## Enum SpectralType { Reflectance Absorption Fluorescence Transmittance Normalised Differential Average }