How to store passwords in the database?

Registration:
username = jean
pw = 123456

↓

Random generate text to be salt
salt = qwerty

↓

combine the pw + salt
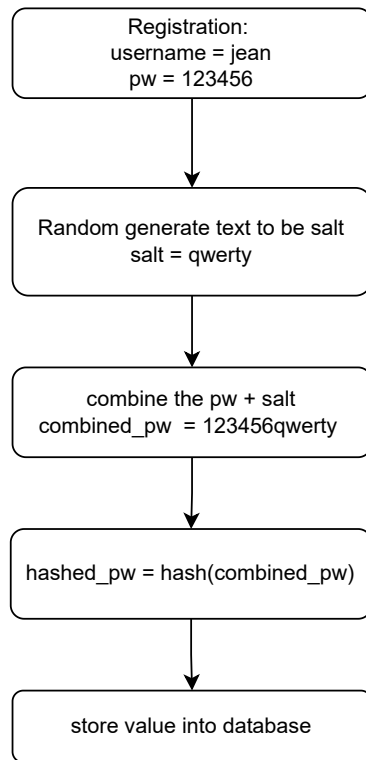combined_pw = 123456qwerty

↓

hashed_pw = hash(combined_pw)

↓

store value into database

A password with a unique salt ensures each hash is distinct, even for identical passwords. This prevents precomputed rainbow table attacks and forces brute-force attackers to compute the hash for every guess individually, significantly increasing the effort and time required to crack passwords.

user			
id	name	salt	pw
1	jean	qwerty	hashed_pw