

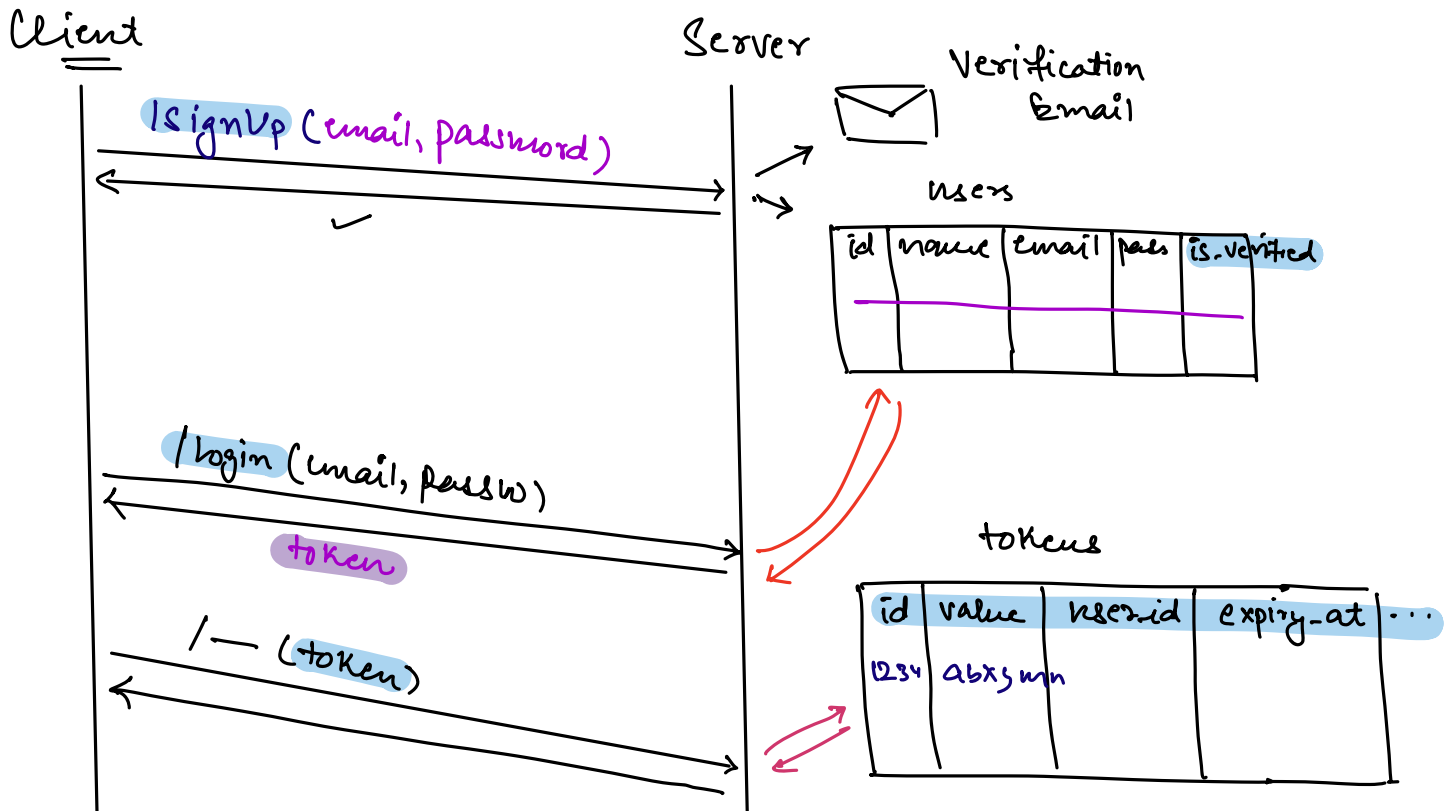
Agenda.

→ Authentication Flow.

→ JWT.

↳ JSON Web Token.

#



Can we validate the token without making a n/w call to DB?

↳ Self Validating Tokens.

↳ JWT.

We shouldn't store the password in the plain text format in the DB.

⇒ Hashed Password

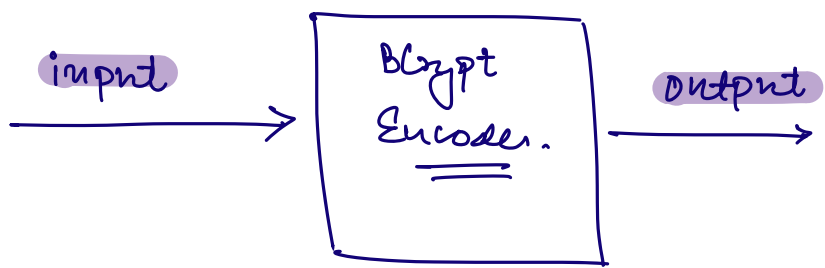
a → 10
b → 24
c → 31
d → 9
|
|
|
|
|

abcd ⇒ 781295671782

email	password
anubha@ —	781295671782
rahul@ —	_____
_____	_____
_____	_____
hacker@ —	781295671782

hacker@gmail.com

Bcrypt Password Encoder.



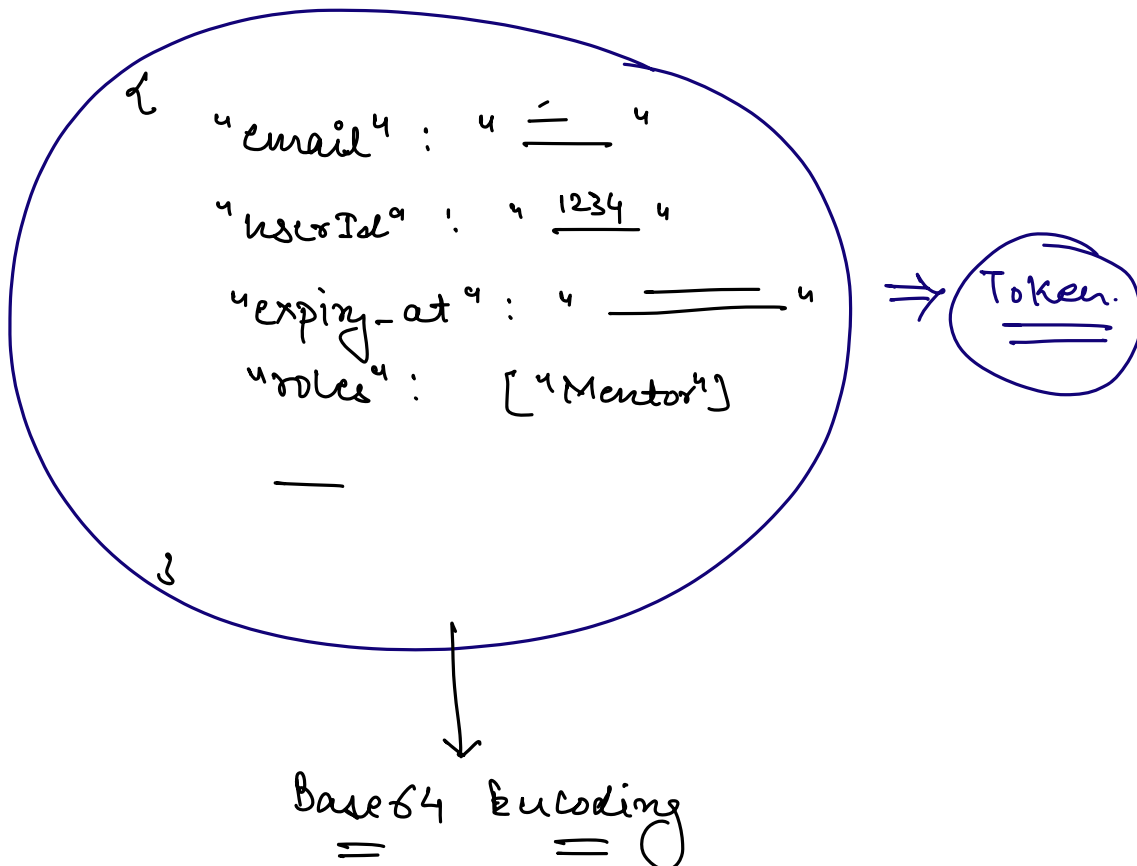
abcd \longrightarrow Random String

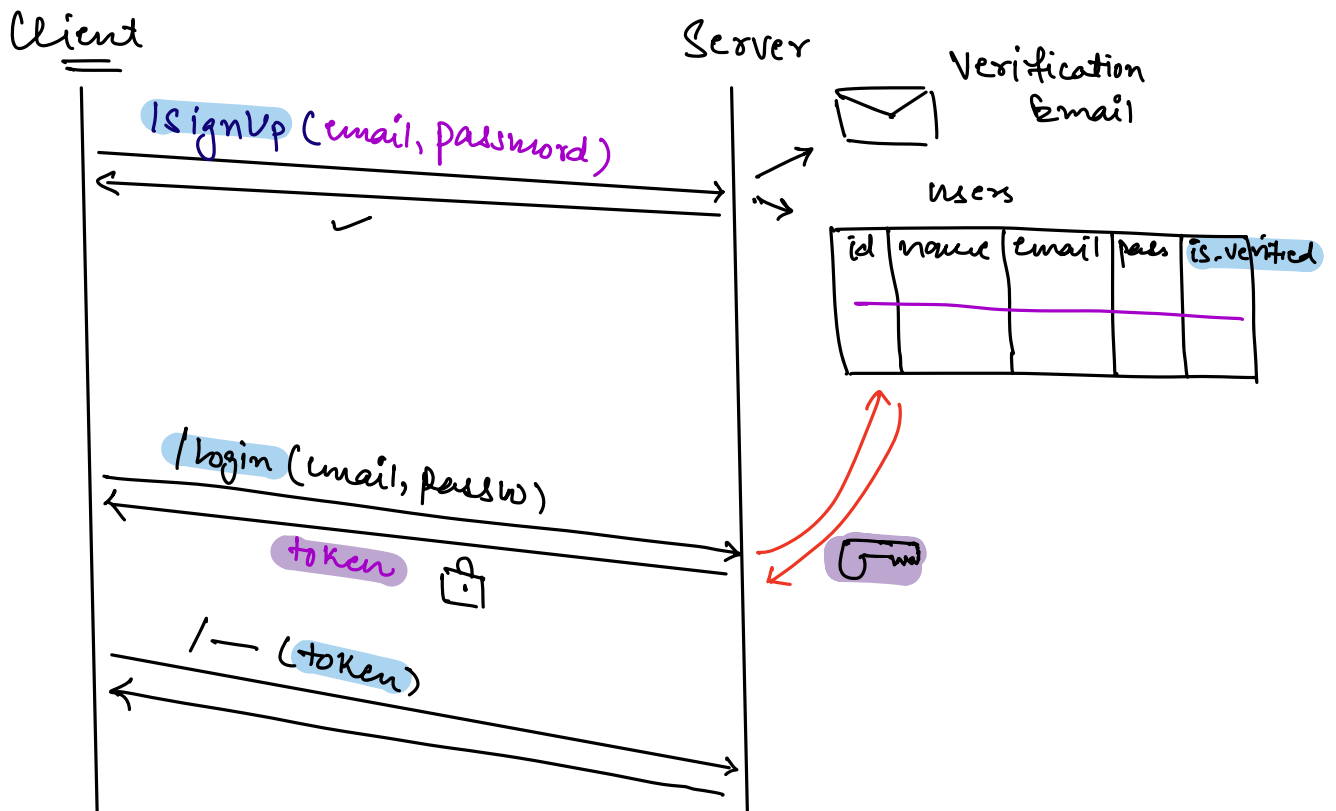
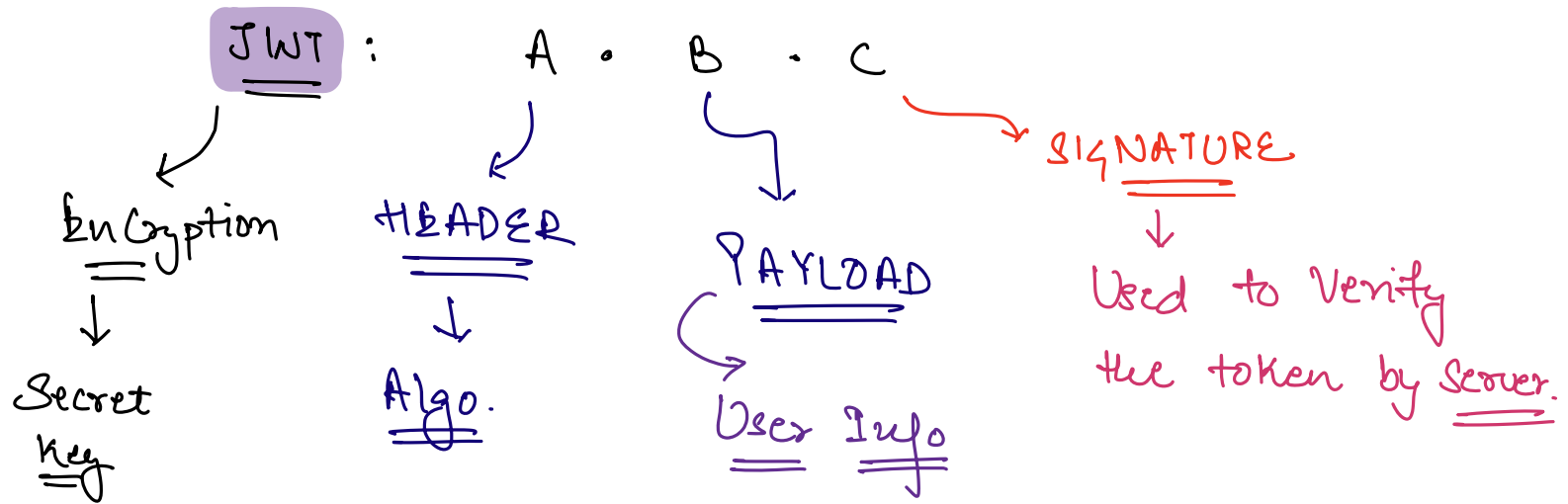
Blcrypt $\left\{ \begin{array}{l} \text{encode(str)} \Rightarrow \text{Encoded string} \\ \text{Verify(input string, encoded string)} \end{array} \right.$

Whether it is possible to generate this Encoded string from the input string or not

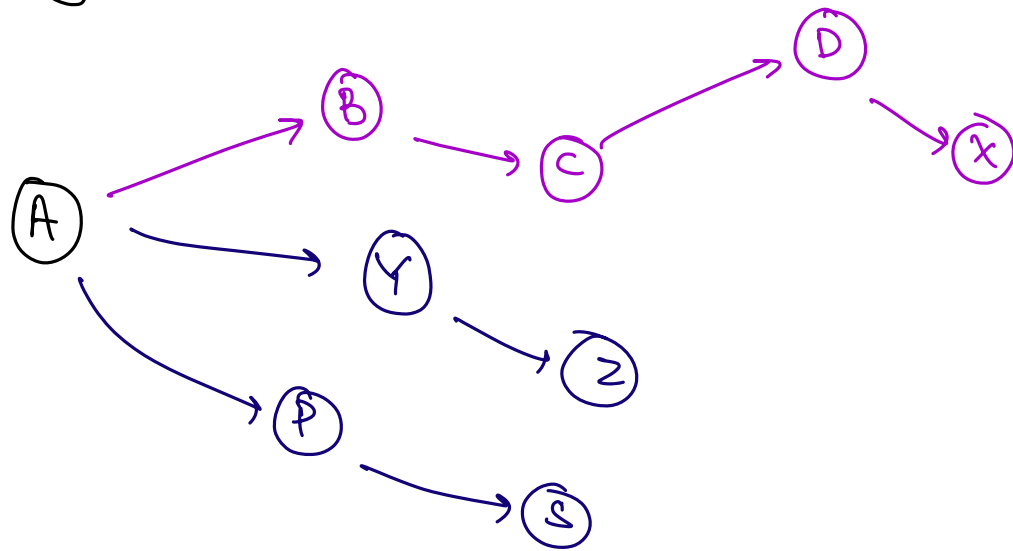
JWT.

\hookrightarrow Self Validating Token.





Dependency Injection.



⇒ Dependencies need to be resolved in the correct order.

Java + Spring Boot.

Python + FastAPI

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Server



Verification
Email

users

id	name	email	pass	is-verified

