What does this technology (library/framework/service) accomplish for you?

bcrypt encryption: is an encryption method with salt. We have use it for encryption and slating when handling the password. We use bcrypt to hash and salt the password, when creating an account. To prevent rainbow-table attack, Using BCrypt for encryption, the hash value generated by the same password is different each time.

How does this technology accomplish what it does?

Every time when encrypting, a random number is first generated as salt, and then the random number is hashed with the password to obtain a hash value and stored in the database. The function used is **bcrypt.hashSync (password, bcrypt.gensalt (10))**. When the user is logging in, user will enters the password in plain text, this time the hash value will be taken from the database for separation. The first 22 digits are the added salt, and then the random number is combined with the password entered by the front end to find out whether the hash value is the same. The function used is: match **bcrypt.compareSync(password, hashed password).**
Link: https://github.com/dcodeIO/bcrypt.js/blob/master/src/bcrypt.js

What license(s) or terms of service apply to this technology?

bcrypt.js
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isaac.js

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