

Iteration	Test	Function body	Status	Regression Test
1	Service s; email="kpwebonise.com"; password="1234"; res=s.validate(email,password) res==error("invalid email")	validate(email,password) { }	fail	
2	Service s; email="kpwebonise.com"; password="1234"; res=s.validate(email,password) res==error("invalid email")	validate(email,password) { if email not match " a-z0-9@a-z.com " then return error("invalid email"); }	pass	
3	Service s; email="kp&webonise.com"; password="1234"; res=s.validate(email,password) res==error("invalid email")	validate(email,password) { if email not match " a-z0-9@a-z.com " then return error("invalid email"); }	pass	
4	Service s; email="kp&webonise"; password="1234"; res=s.validate(email,password) res==error("invalid email")	validate(email,password) { if email not match " a-z0-9@a-z.com " then return error("invalid email"); }	pass	
5	Service s; email="KP@webonise.com"; password="1234"; res=s.validate(email,password) res==error("invalid email")	validate(email,password) { if email not match " a-z0-9@a-z.com " then return error("invalid email"); }	pass	

6	Service s; email="kp@webonise.in"; password="1234"; res=s.validate(email,password) res==error("invalid email")	validate(email,password) { if email not match " a-z0-9@a-z.com " then return error("invalid email"); }	pass	
7	Service s; email="kp@webonise.com"; password="1234"; res=s.validate(email,password) res==error("password length < 8")	validate(email,password) { if email not match " a-z0-9@a-z.com " then return error("invalid email"); }	fail	
8	Service s; email="kp@webonise.com"; password="1234"; res=s.validate(email,password) res==error("password length < 8")	validate(email,password) { if email not match " a-z0-9@a-z.com " then return error("invalid email"); else if password.length<8 then return error("password length < 8") }	pass	
9	Service s; email="kp@webonise.com"; password="abc123\$"; res=s.validate(email,password) res==error("password length < 8")	validate(email,password) { if email not match " a-z0-9@a-z.com " then return error("invalid email"); else if password.length<8 then return error("password length < 8") }	pass	
10	Service s; email="kp@webonise.com"; password="123\$"; res=s.validate(email,password)	validate(email,password) { if email not match " a-z0-9@a-z.com " then return error("invalid email"); }	pass	

	res==error("password length < 8")	<pre> else if password.length<8 then return error("password length < 8") } </pre>		
11	<pre> Service s; email="kp@webonise.com"; password="abc123\$@"; res=s.validate(email,password) res==message("signup successful") </pre>	<pre> validate(email,password) { if email not match "a-z0-9@a-z.com" then return error("invalid email"); else if password.length<8 then return error("password length < 8") } </pre>	fail	
12	<pre> Service s; email="kp@webonise.com"; password="abc123\$@"; res=s.validate(email,password) res==message("signup successful") </pre>	<pre> validate(email,password) { if email not match "a-z0-9@a-z.com" then return error("invalid email"); else if password.length<8 then return error("password length < 8") else store(email,password); return message("signup successful"); } store(email,password) { store email,password in database; } </pre>	pass	
13	<pre> Service s; email="kp123@webonise.com"; password="abc123yt"; res=s.validate(email,password) res==message("signup successful") </pre>	<pre> validate(email,password) { if email not match "a-z0-9@a-z.com" then return error("invalid email"); else if password.length<8 then return error("password length < 8") } </pre>	pass	

		<pre> else store(email,password); return message("signup successful"); } store(email,password) { store email,password in database; } </pre>		
14	<pre> Service s; email="kp@webonise.com"; password="abc123\$@"; res=s.validate(email,password) res==error("duplicate email") </pre>	<pre> validate(email,password) { if email not match "a-z0-9@a-z.com" then return error("invalid email"); else if password.length<8 then return error("password length < 8") else store(email,password); return message("signup successful"); } store(email,password) { store email,password in database; } </pre>	fail	
15	<pre> Service s; email="kp@webonise.com"; password="abc123\$@"; res=s.validate(email,password) res==error("duplicate email") </pre>	<pre> validate(email,password) { if email not match "a-z0-9@a-z.com" then return error("invalid email"); else if email already exists in database then return error("duplicate email"); else if password.length<8 then return error("password length < 8"); else </pre>	pass	

		<pre> store(email,password); return message("signup successful"); } store(email,password) { store email,password in database; } </pre>		
16	<pre> Inputer i; email=""; password=""; res=i.signup(email,password); res==error("missing email") </pre>	<pre> signup(email,password) { } </pre>	fail	
17	<pre> Inputer i; email=""; password=""; res=i.signup(email,password); res==error("missing email") </pre>	<pre> signup(email,password) { if email.length is 0 then return error("missing email"); } </pre>	pass	
18	<pre> Inputer i; email="kp"; password=""; res=i.signup(email,password); res==error("missing password") </pre>	<pre> signup(email,password) { if email.length is 0 then return error("missing email"); } </pre>	fail	
19	<pre> Inputer i; email="kp"; </pre>	<pre> signup(email,password) { </pre>	pass	

	<pre>password=""; res=i.signup(email,password); res==error("missing password")</pre>	<pre>if email.length is 0 then return error("missing email"); else if password.length is 0 then return error("missing password") }</pre>		
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