

```
class Inputer{
    Service s;
    signUp(email,password string)
    {
        s.validate(email,password string);
        s.store(email,password string);
    }
}

class Service{
    validate(email,password string);
    store(email,password string);
}
```

```
s.validate(string s1,string s2); // class Service
s.store(string s1,string s2);
i.signUp(string s1,string s2); // class Inputer
```

Acceptance Criteria:

Should not work with following conditions:

1. invalid email
2. password less than 8
3. duplicate email
4. missing email
5. missing password

1	s.validate(abc@gmail.com ,123456789) EO: Registered Successfully	validate(s1,s2){ } 	FAIL	
2	s.validate(abc@gmail.com ,123456789) EO: PASS Registered Successfully	Validate(s1,s2){ if(s1[1]==special charater indexOf(@)>lastIndexOf(.)) return Error("Invalid Email"); return "Registered Successfully"; }	FAIL	
3	s.validate(abc@gmail.com ,123456789) EO:PASS Registered Successfully	validate(s1,s2){ if(s1[1]==special charater indexOf(@)>lastIndexOf(.)) return Error("Invalid Email"); if(s2.length() <8) return Error("Password length less than 8); return "Registered Successfully"; }	PASS	
4	s.validate(xyz@domain.com ,987654321) EO: PASS Registered Successfully	validate(s1,s2){ if(s1[1]==special charater indexOf(@)>lastIndexOf(.)) return Error("Invalid Email"); if(s2.length() <8)	PASS	

		<pre> return Error("Password length less than 8"); return "Registered Successfully"; } </pre>		
5	<pre> s.validate(*abc.@gmail.com,1 23456789) EO: Error("Invalid Email") </pre>	<pre> validate(s1,s2){ if(s1[1]==special charater indexOf(@)>lastIndexOf(.)) return Error("Invalid Email"); if(s2.length() <8) return Error("Password length less than 8); return "Registered Successfully"; } </pre>	PASS	
6	<pre> s.validate(abc.gh@gmail.com, 1234567) EO: Error("Password length less than 8") </pre>	<pre> validate(s1,s2){ if(s1[1]==special charater indexOf(@)>lastIndexOf(.)) return Error("Invalid Email"); if(s2.length() <8) return Error("Password length less than 8"); return "Registered Successfully"; } </pre>	PASS	
7	<pre> s.validate(*abc.gh@gmail.com ,1234561) EO: Error("Enter valid email and password") </pre>	<pre> validate(s1,s2){ if(s1[1]==special charater indexOf(@)>lastIndexOf(.)) return Error("Invalid Email"); if(s2.length() <8) return Error("Password length less than 8"); return "Registered Successfully"; </pre>	FAIL	

		}		
8	s.validate(* abc.gh@gmail.com ,1234561) EO: Error("Enter valid email and password")	<pre> validate(s1,s2){ if((s1[1]==special charater indexOf(@)>lastIndexOf(.)) && (s2.length()<8)) return Error("Enter valid email and password"); if(s1[1]==any special charater indexOf(@)>lastIndexOf(.)) return Error("Invalid Email"); if(s2.length() <8) return Error("Password length less than 8"); return "Registered Successfully"; } </pre>	PASS	
9	s.store(abc@gmail.com ,123456789) EO: Stored in DB	<pre> s.store(s1,s2) { } </pre>	FAIL	
10	s.store(abc@gmail.com ,123456789) EO: Stored in DB	<pre> s.store(s1,s2) { if(! Exists in DB) return "Stored in DB" } </pre>	PASS	
11	s.store(abc@gmail.com ,123456789)	<pre> s.store(s1,s2) { if(! Exists in DB) </pre>	FAIL	

	EO: Duplicate Email	<pre> return "Stored in DB" } </pre>		
12	s.store(abc@gmail.com ,123456789) EO: Duplicate Email	<pre> s.store(s1,s2) { if(! Exists in DB) return "Stored in DB"; return "Duplicate Email"; } </pre>	PASS	
13	i.signUp(" ", " ") EO:Missing Fields	<pre> i.signUp(s1,s2) { } </pre>	FAIL	
14	i.signUp(" ", " ") EO: Missing Fields	<pre> i.signUp(s1,s2) { if(s1==" " s2==" ") return "Missing Fields"; } </pre>	PASS	
15	i.signUp(" ",123456789) EO: Missing Fields	<pre> i.signUp(s1,s2) { if(s1==" " s2==" ") return "Missing Fields"; } </pre>	PASS	
16	i.signUp(abc@gmail.com , 123456789) EO:Registered	<pre> i.signUp(s1,s2) { if(s1==" " s2==" ") return "Missing Fields"; } </pre>	FAIL	
17	i.signUp(abc@gmail.com , 123456789)	<pre> i.signUp(s1,s2) { if(s1==" " s2==" ") </pre>	PASS	

	EO:Registered	<pre>return "Missing Fields"; //call validate and store function return "Registered"; }</pre>		