FULL STACK DEVELOPMENT

Password Generator Project

```
package com.java.passwordvalidation;

import java.util.Scanner;

public class Password {
            int passwordConditions;
public String printMessage()
{
    switch (passwordConditions) {

    // Password length should be
    // between 8 to 15 characters
    case 1:
        return ("Password length should be"
                + " between 8 to 15 characters");

    // Password should not contain any space
    case 2:
        return ("Password should not"
                + " contain any space");

    // Password should contain// at least one digit(0-9)
    case 3:
        return ("Password should contain"
                + " at least one digit(0-9)");

    // Password should contain at least
    // one special character ( @, #, %, &, !, $ )
    case 4:
        return ("Password should contain at "
                + "least one special character");

    // Password should contain at least
    // one uppercase letter(A-Z)
    case 5:
        return ("Password should contain at"
                + " least one uppercase letter(A-Z)");

    // Password should contain at least
    // one lowercase letter(a-z)
    case 6:
        return ("Password should contain at"
                + " least one lowercase letter(a-z)");
    }
```

```
    return ("");
}

public static void main(String[] args) {
      System.out.println("Welcome to SBI ATM");
      Scanner s = new Scanner(System.in);
      String username;
      String password;
      System.out.println("enter username");
      username =s.nextLine();

      System.out.println("username is\n" +  username);
      System.out.println("Enter password");
      password=s.nextLine();

      System.out.println("password is\n" +  password);
      System.out.println("password contains length 8 to 15");
      int stringSize= password.length();
      System.out.println("password length is "+ stringSize);
      if ((stringSize >= 8 && stringSize <= 11)) {
            System.out.println("Password is medium");}
            if(stringSize >=12 && stringSize <=14) {
                  System.out.println("Password is good");}


            if(stringSize >=15) {
                  System.out.println("Password is very strong");
            }
            else {
                  System.out.println("Password is very weak");
                  }
      //checking access to correct username and password//

      if(username.equals("puja") &&
password.equals("PujaThorat@8766")){
       System.out.println("Access Granted");
      }
      else {
            System.out.println("Access denied");
            }
}

}
```

Output:

```
Welcome to SBI ATM
enter username
puja
username is
puja
Enter password
PujaThorat@8766
password is
PujaThorat@8766
password contains length 8 to 15
password length is 15
Password is very strong
Access Granted
```