Example: (\w*)

Meaning, password can only contain alphanumeric(A-Z,a-z,0-9) characters.

Example: (?=^.{1,**30**}$).*$

Meaning, password must have no more than **30** characters.

Example: (?=^.{**8,30**}$).*$

Meaning, password must have **8** characters and no more than **30**

Example: (?=.*[A-Z])(\w*)$

Meaning ,password can only contain alphanumeric characters including one uppercase letter.

Example: (?=^.{**8,**}$)(?=.*\W).*$

Meaning, password must have at least **8** characters, and one special character.

Example: (?=^.{**8,**}$)(?=.*[A-Z])(?=.*\W).*$

Meaning, password must have at least **8** characters including one uppercase letter, and one special character.

Example: (?=^.{**8,**}$)(?=.*[A-Z])(\w*)$

Meaning, password must have at least **8** characters including one uppercase letter. These characters can only be alphanumeric(A-Z,a-z,0-9)

Example: (?=^.{1,**30**}$)(?=.*\d)(?![.\n])(?=.*[A-Z])(?=.*[a-z]).*$

Meaning, password must have no more than **30** characters including one uppercase letter, one lowercase letter, and one number. The password can not start with a ".".

Example: (?=^.{**8,30**}$)(?=.*\d)(?![.\n])(?=.*[A-Z])(?=.*[a-z]).*$

Meaning, password must have at least **8** characters and no more than **30** including one uppercase letter, one lowercase letter, and one number. The password can not start with a ".".

Example: (?=^.{1,**30**}$)((?=.*\d)|(?=.*\W))(?![.\n])(?=.*[A-Z])(?=.*[a-z]).*$

Meaning, password must have no more than **30** including one uppercase letter, one lowercase letter, and one number or one special character. The password can not start with a ".".

Example: `(?=^.{1,30}$)(?=.*\d)(?=.*\W)(?![.\n])(?=.*[A-Z])(?=.*[a-z]).*$`

Meaning, password must have no more than **30** characters including one uppercase letter, one lowercase letter, one number, and one special character. The password can not start with a ".".

Example: `(?=^.{8,30}$)((?=.*\d)|(?=.*\W))(?![.\n])(?=.*[A-Z])(?=.*[a-z]).*$`

Meaning, password must have at least **8** characters and no more than **30** including one uppercase letter, one lowercase letter, one number or one special character. The password also can not start with a ".".

Example: `(?=^.{8,30}$)(?=.*\d)(?=.*\W)(?![.\n])(?=.*[A-Z])(?=.*[a-z]).*$`

Meaning, password must have at least **8** characters and no more than **30** including one uppercase letter, one lowercase letter, one number, and one special character. The password can not start with a ".".

Quick Cheat Sheet:

`(?=^.{`**x,y**`}$)` : **x** is the minimum number of characters requirement, **y** is the maximum number of characters requirement

`(?=^.{`**x,**`}$)` : **x** is the minimum number of characters requirement, with no character limit

`(?=^.{1,`**y**`}$)` : No minimum character requirement, **y** is the maximum number of characters

`(?=.*\d)` : **Must** contain a number

`(?=.*\W)` : **Must** contain a special character

`(?![.\n])` : **Must** not start with a . or a newline character

`(?=.*[A-Z])` : **Must** contain an uppercase character

`(?=.*[a-z])` : **Must** contain a lowercase character

`(\w*)` : **Must** be an alphanumeric character(A-Z,a-z,0-9). You must put this at the end of the Regex right before the **$**

*<u>**NOTE:Always put the .*$ at the end of the Regex, unless you want it to be only alphanumeric characters, then put (\w*)$ at the end of the Regex**</u>

For more information on how to create your own Regex:

Guide Link & Cheat Sheet:
https://www.rexegg.com/regex-quickstart.html
https://docs.microsoft.com/en-us/dotnet/standard/base-types/regular-expression-language-quick-reference

Regex Builder: http://www.ultrapico.com/Expresso.htm