TDD/BDD Assignment

The System

SocialBook Registration page with 3 inputs: username, password, reconfirm-password.

Rules for username:
- Minimum length 4 characters.
- Maximum length 12 characters.
- Only [A-Z], [a-z], [0-9], hyphen, period and underscore characters allowed.
- First character has to be [A-Z] or [a-z].

Rules for password:
- Minimum length 6 characters.
- Maximum length 100 characters.
- Must include an English letter and a digit.

Rules for reconfirm-password:
- Must match the given password.

Input

Positive inputs (username, password, reconfirm_password, in that order):

Sample Positive Inputs	Sample Negative Inputs
{"raj16", "jabberwh4cky", "jabberwh4cky"}	{"16raj", "jabberwh4cky", "jabberw4acky"}
{"Mikasa", "live4eren", "live4eren"}	{"Mikasa", "liveforeren", "liveforeren"}
{"Tyrion", "secretTargeryan2", "secretTargeryan2"}	{"Tyrion", "secrettargeryan", "secretargeryan"}
{"JonSnow", "1kingindanorth", "1kingindanorth"}	{"Jon", "1king", "1king"}
{"Morty","rick42","rick42"}	{"Morty", "enter", "enter"}

Output

Sample Outputs
Registration Successful!
Username is too short
Password doesn't contain a digit
Passwords don't match in re-confirm box

Acceptance Criteria

Input	Output	Result
{"Morty","rick42","rick42"}	Registration successful!	Morty's page displayed
{"Mikasa", "live4eren", "live4eren"}	Registration successful!	Mikasa's page displayed
{"16raj", "jabberwh4cky", "jabberw4acky"}	Username should start with a letter	Re-generate registration page (Highlight username box)
{"Tyrion", "secrettargeryan", "secretargeryan"}	Passwords don't match in re-confirm box	Re-generate registration page (Highlight password and reconfirm box)
{"Jon", "1king", "1king"}	Username & password too short.	Re-generate registration page(Highlight all 3 boxes)