

Write JavaScript (JS)/jQuery code that validates the form in Figure 2. The validation should happen when the user submits the form. The invalid fields should be highlighted with a red border, and a feedback message shows up next to the field telling the user what is wrong with the field (see Figure 3). If the value is correct, a green checkmark shows up next to the field (see Figure 4).

The form should be validated according to these rules:

- Username should be between 6 and 10 characters. The characters are allowed are lower or uppercase letters as well as underscore.
- The template of a valid e-mail is: y@y.y (y should be at least one-character long). These are invalid e-mails: @hotmail.com, a@.com, a.com, a@com, a@h. Further, make sure that the only valid characters are alphanumerical ones as well as underscore, @, and dot (.). Further, make sure the the e-mail doesn't contain the letter @ more than once.
- At least a position should be selected (the possible values are: Engineer, Doctor, or Mechanic).
- Either Full-time or Part-time should be selected.

**Username:**

**E-mail:**

**Position:**  ▼

**Type:** ☐ Full-time  
☐ Part-time

Figure 2: Form

**Username:**  Username should be  $\geq 6$  and  $\leq 10$

**E-mail:**  Not a valid e-mail address

**Position:**  ▼ You must select a position

**Type:** ☐ Full-time  
☐ Part-time You must select a type

Figure 3: Invalid form

**Username:**  ✓

**E-mail:**  ✓

**Position:**  ▼ ✓

**Type:** ☒ Full-time  
☐ Part-time ✓

Figure 4: Valid form