Email Address

Front End: Sign Up Form

Start

Input email address

(when lose focus) Validate email address

Is valid? — Yes → Search email address in database

No

Prompt Message 1

Highlight the field

Prompt Message 2

Continue

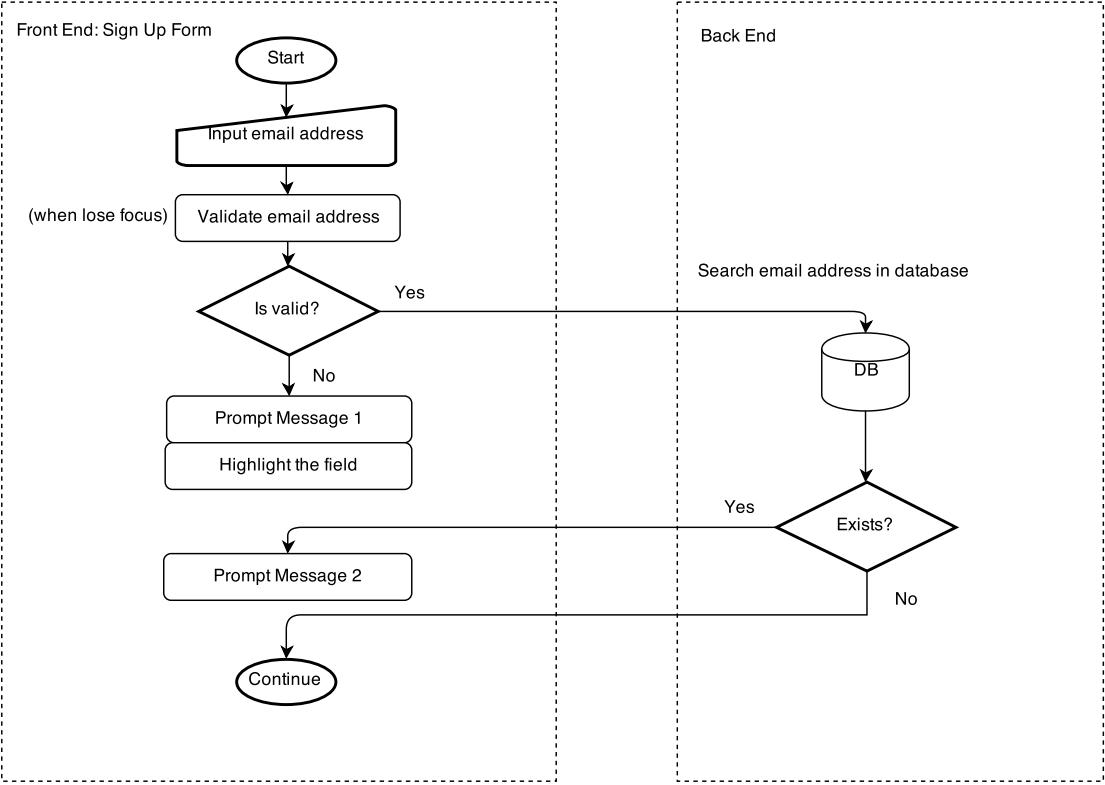**Back End**

DB

Exists? — Yes → Prompt Message 2

No

Prompt Message:

#1. Please input a valid email address
#2. This email address has already been used