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**User Story** Implement User Password Reset

* As a User I would like to reset my password so that I can login to the Neat system

**Acceptance Criteria**

* A password reset code is sent to the user’s registered email address
* A new password is created
* The user is taken to the login page

**Use Case #001-Update user’s password**

**Participating actors**

Initiated by Neat User

**Flow of events**

1. While on login screen, user clicks forgot

2. The user is prompted with the forgot password screen

3. User enters his/her username and click request

**Entry condition**

The user is at the login screen

**Exit condition**

The user enters a valid code and is taken to the dashboard

**Quality requirements**

The user is acknowledges of success or failure to register within 5 seconds.

OS X:Users:macbook:Downloads:Password_reset_usecase.png

**Use Case Diagram**

OS X:Users:macbook:Downloads:neat-pasword-reset.png

**Sequence Diagram**

OS X:Users:macbook:Pictures:reset_password_class.png

**Class Diagram**

**Unit Test**

**Test Case 1 (Sunny Day)**

**Purpose**

* Ensure the system validates a current user

**Precondition**

* A valid user name is entered by user, the user exists in the system

**Input**

* Valid user name

**Expected Result**

* An e-mail is sent to the user’s primary e-mail address

**Actual Result**

* An e-mail Is received by user with validation code

**Test Case 2 (Rainy Day)**

**Purpose**

* Ensure the system rejects an invalid user

**Precondition**

* An invalid user name is entered by user, the user does not exists in the system

**Input**

* invalid user name

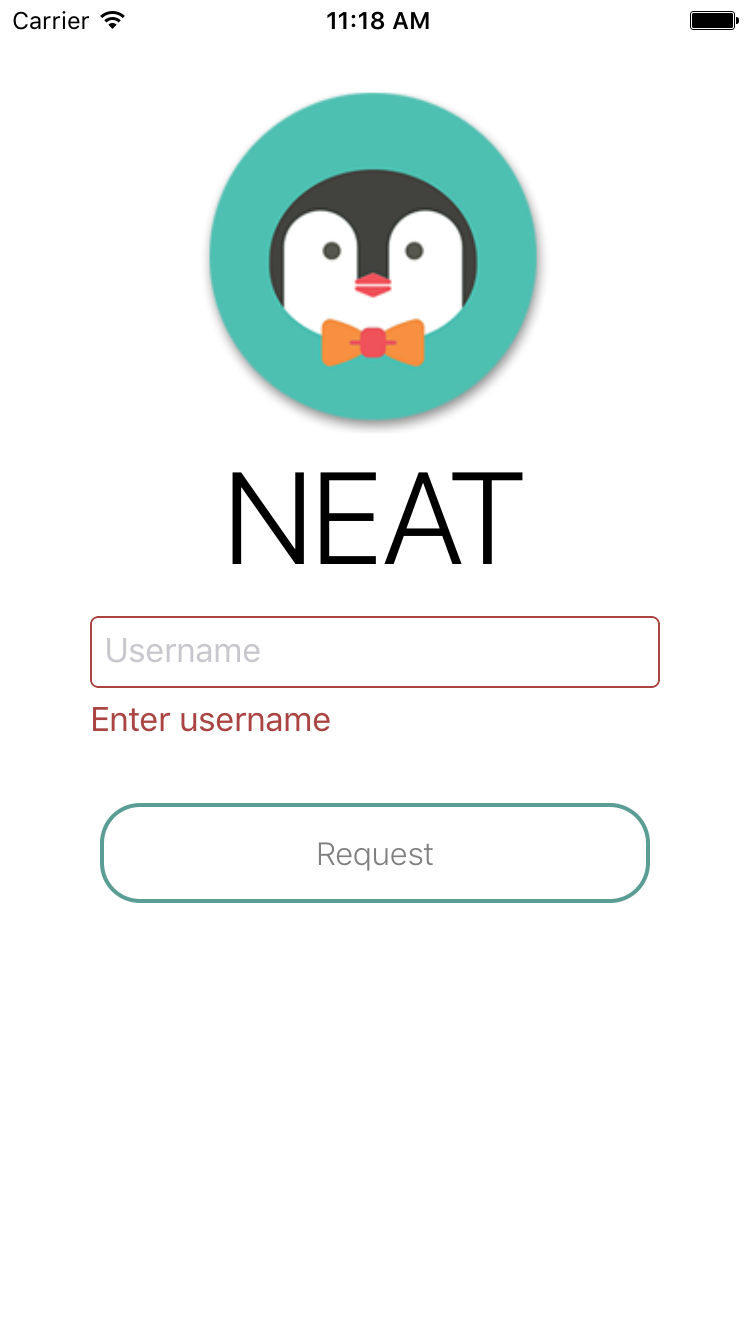
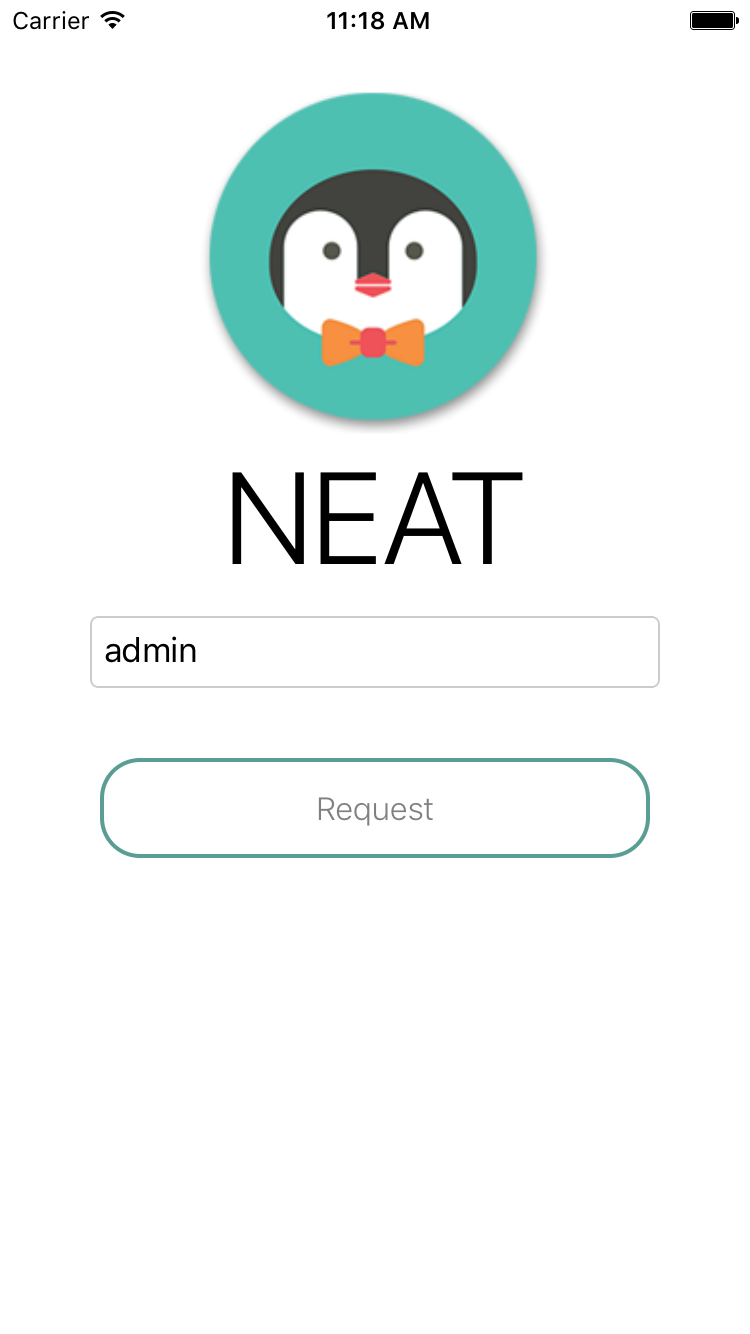
**Expected Result**

* Prompt the user with incorrect username message

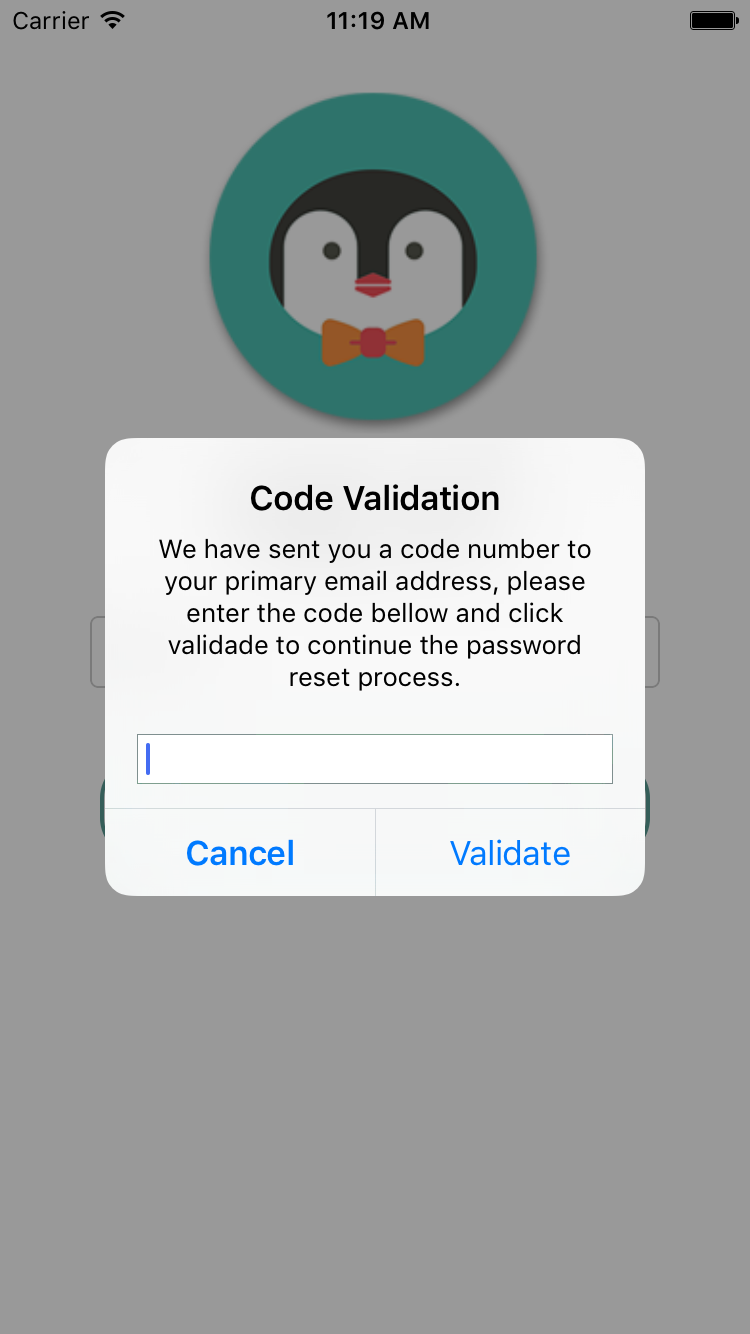
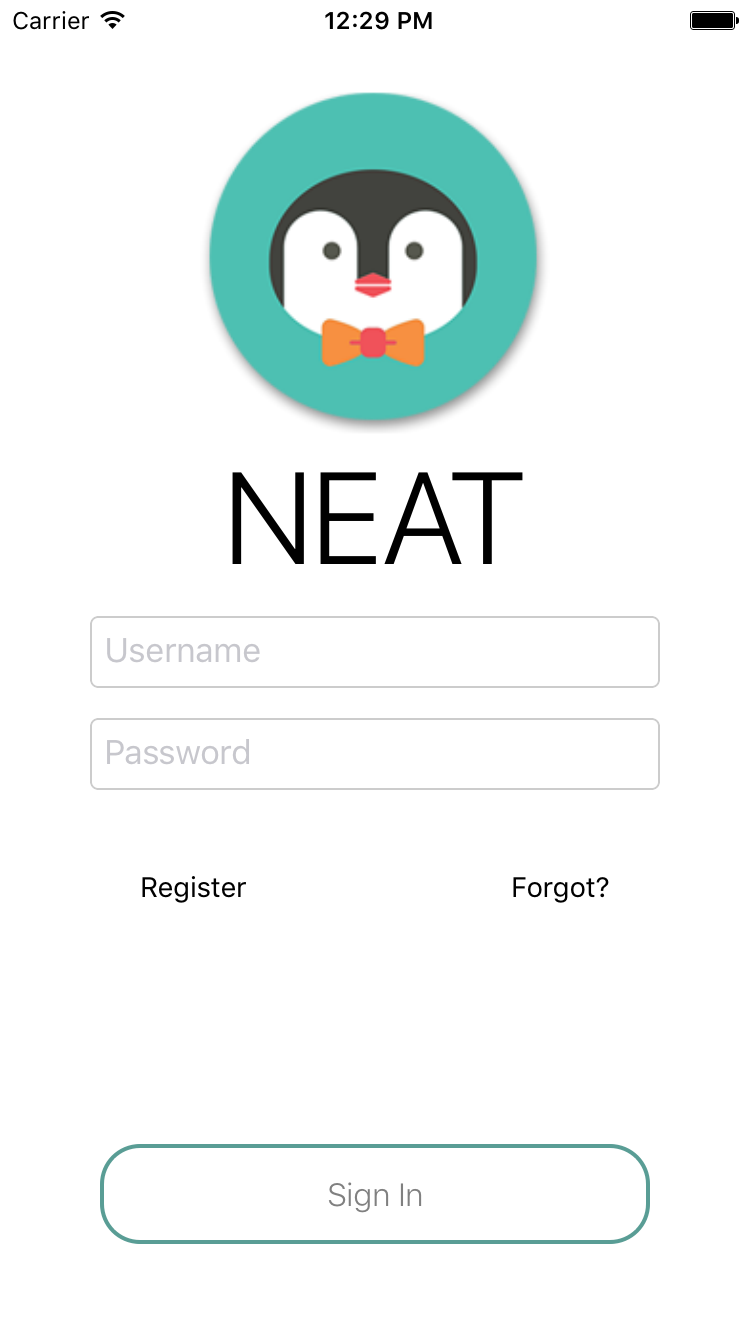
**Actual Result**

* no e-mail Is received by user

**Visual User Guide**

Request password invalid information Request password valid information

Enter validation code sent to email Go to dashboard after valid code entered