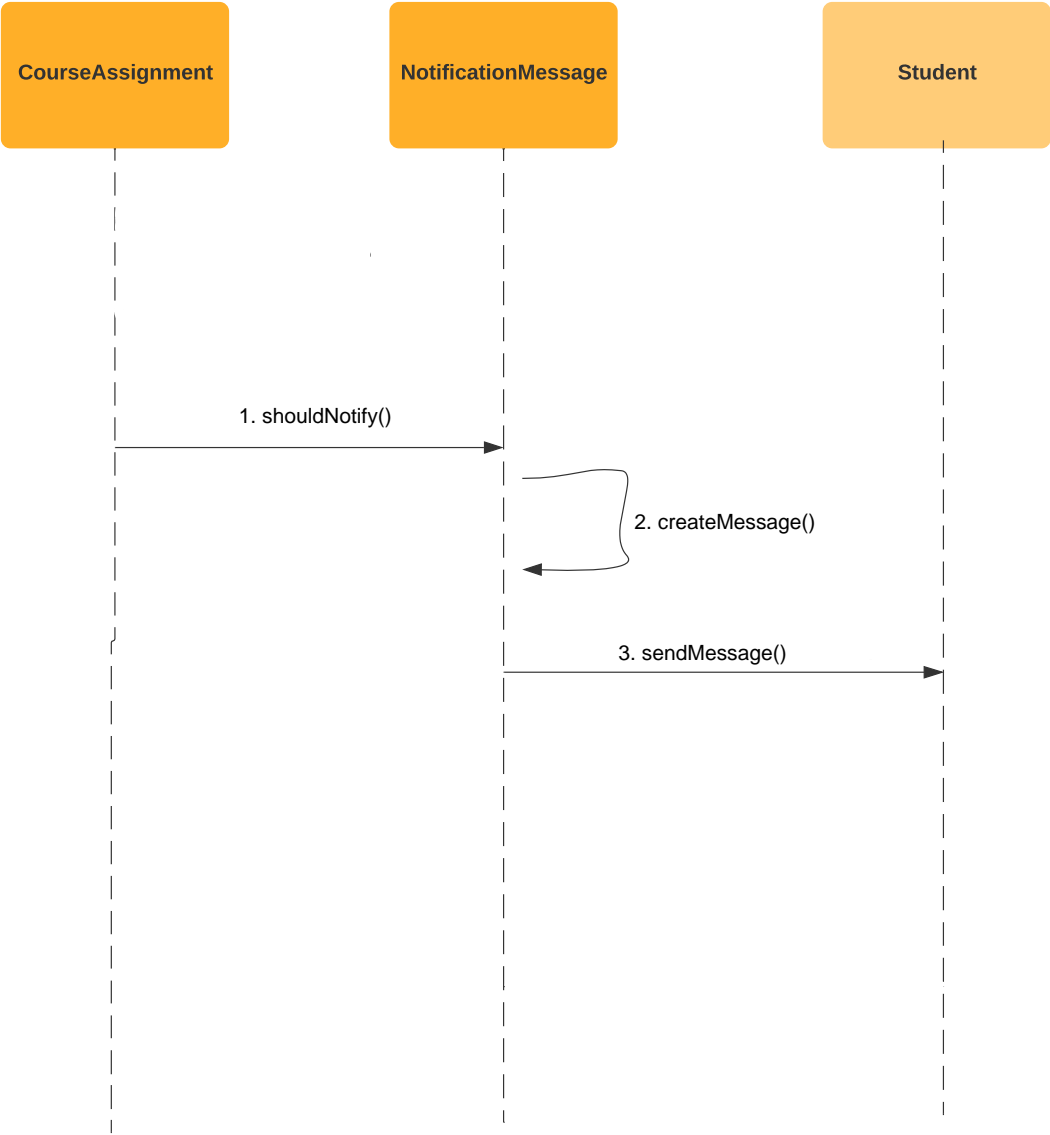# Send Upcoming Test Date - Sequence Diagram
(identical to assignment due date)
Bryce Leighton | March 10, 2022

Sequence diagrams:

sd Create Username

student: Student

«create»
1 :

Username

alt Is username unique

loop If username is not unique

Is username in database

3 : Enter a new Username

4 : If username is unique set username

---

sd Create a Password

Student

«create»
1 : create a password

Password

alt Is password long enough

loop Password is too short

2 : get Length

3 : Enter new Password

4 : If password is long enough set password

---

sd Link Phone Number

Student

«create»
1 : Student enters phone number

Phone Number

2 : Number is linked to account

sd Link Website

Student

«create»

1 : Student selects website → **Linked Third-Party Website**

2 : Account is linked with website

sd Log in

Student

alt Is username and password correct

loop If incorrect

1 : LogIn

If correct logged in

InputDialog

HourData

Assignment

HourObs

Request Output

Get Assignment Data

Get Assignment Data

InputDialog | User | Message | Notification | ImportSchedule | Assignment | OutputObs

Start Program

Create User

Return User

Create Message

Create Notification

Check or Check Notification

ImportData

Create Assignment

Create Assignment

Output Schedule

Loop Until User quits

```
user          send_message          print_message

  │  create  →  │
  │             │  →  │
```