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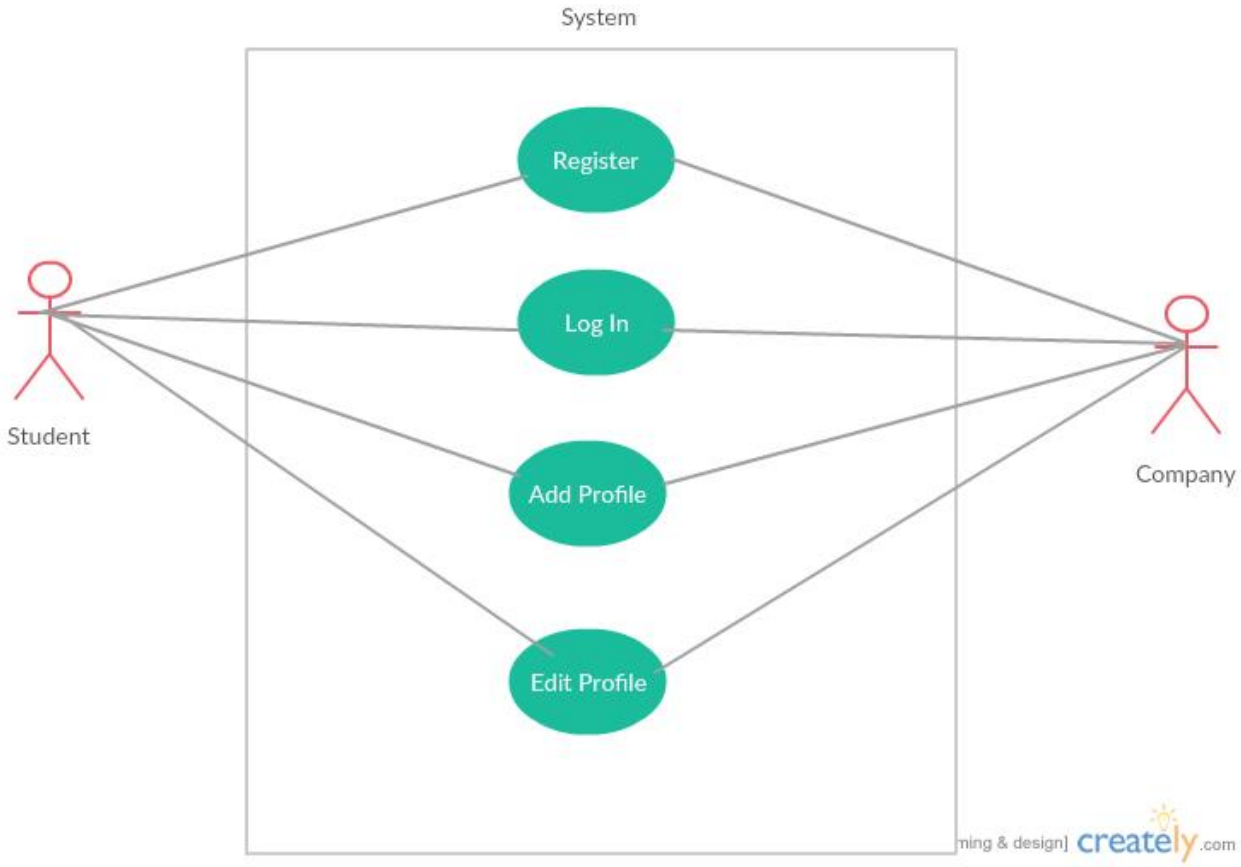
Lab 3

Software Maintenance

Use – case diagram:



Use Case Specification:

Primary Actors:

1- Student

2- Company

Basic Flow:

1- Student/Company registers a new account

2- Student/Company enters a new username and password

3- Student/Company logs in if an account is already available

4- Student/Company add a profile if none exist

5- Student/Company fill up the profile with the necessary requirements (for ex: Students would fill up personal details, skills, etc. While Company would fill company details, jobs available and details, etc.)

6- Student/Company edit the profile

7- Student/Company edit the fields that need to be changed

Alternative Flow:

2.a – Username not available/already exists.

    2.a1 – User is prompted to choose a different username

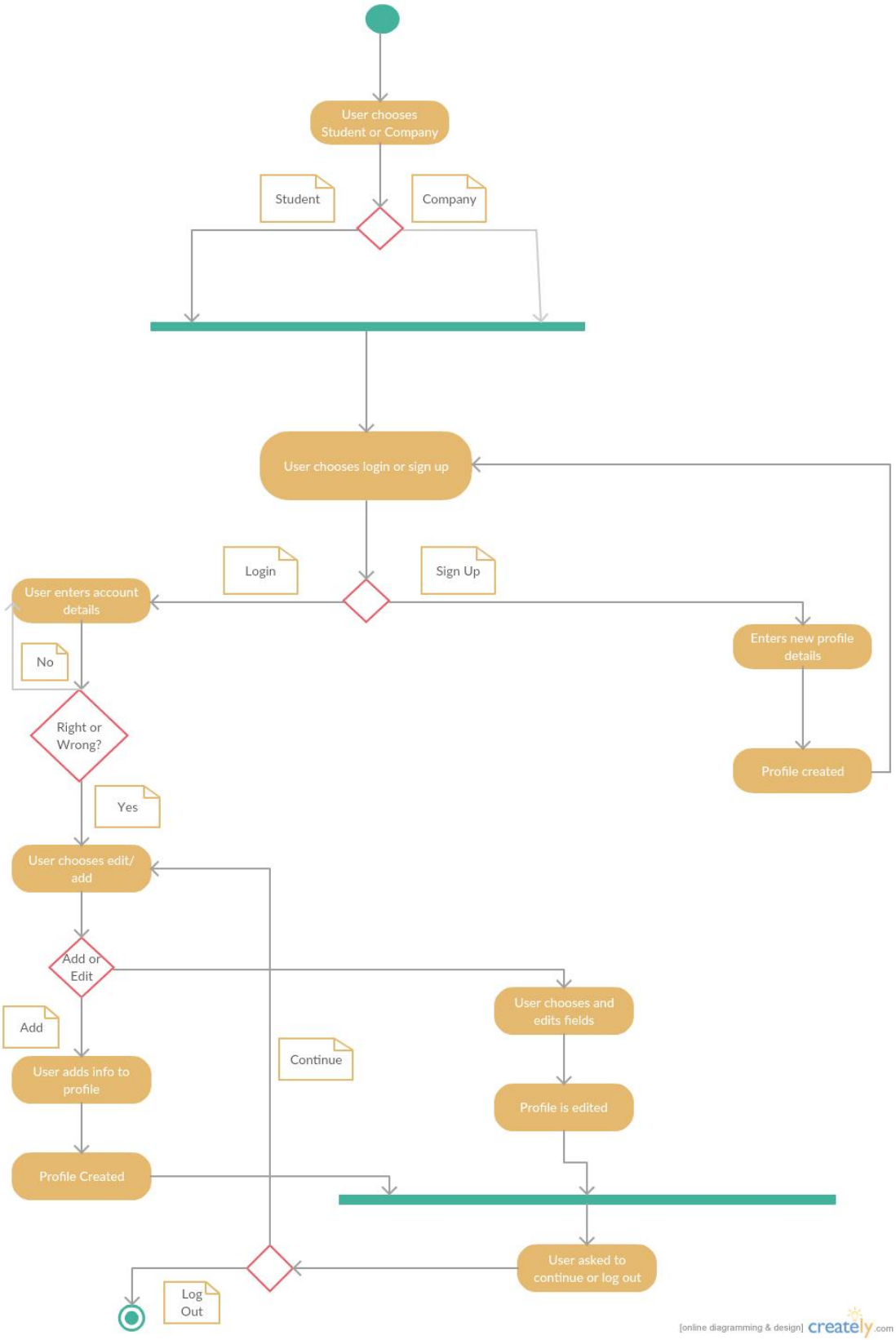
3.a – Invalid username

    3.a1 – User is prompted to enter the correct username

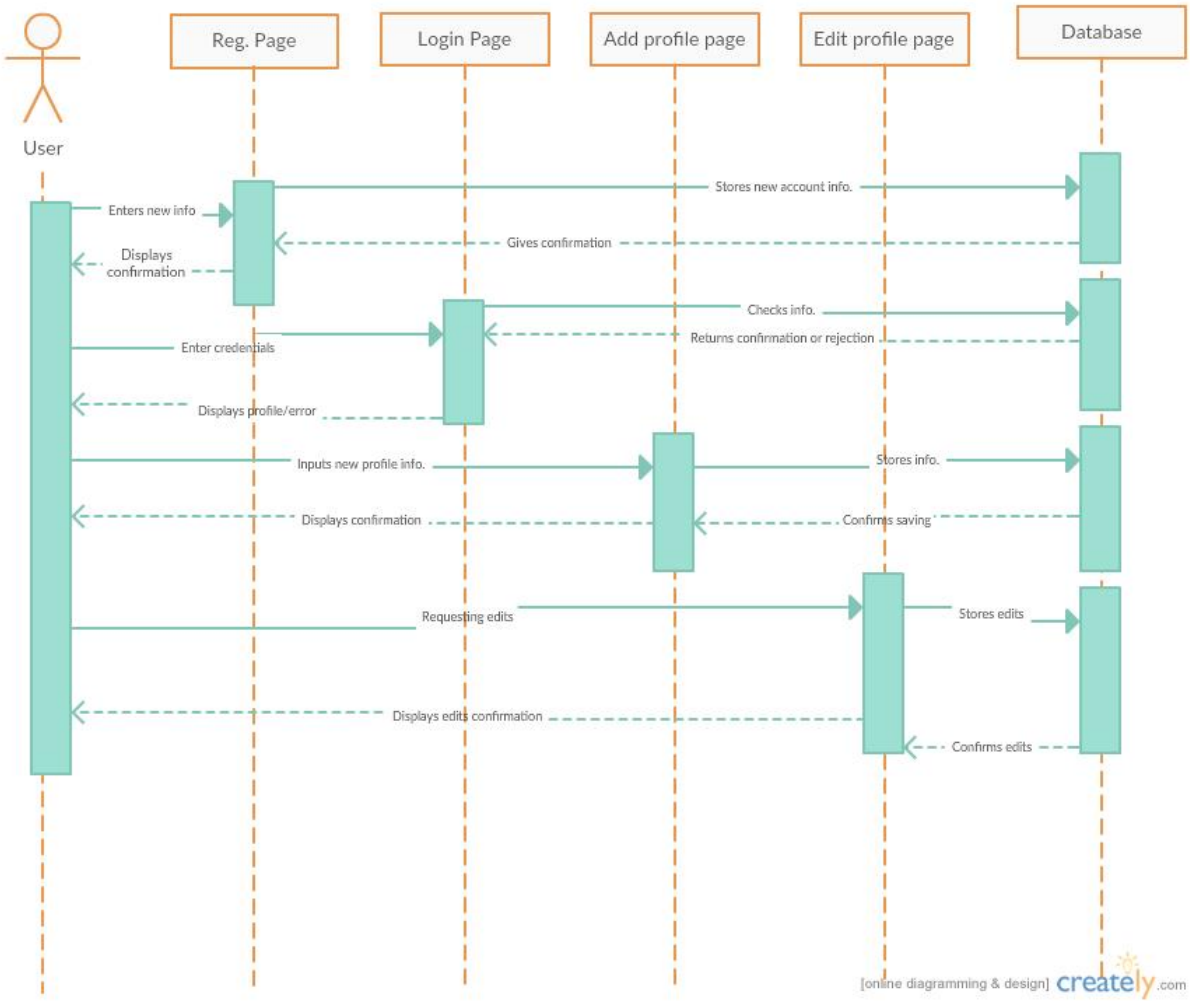
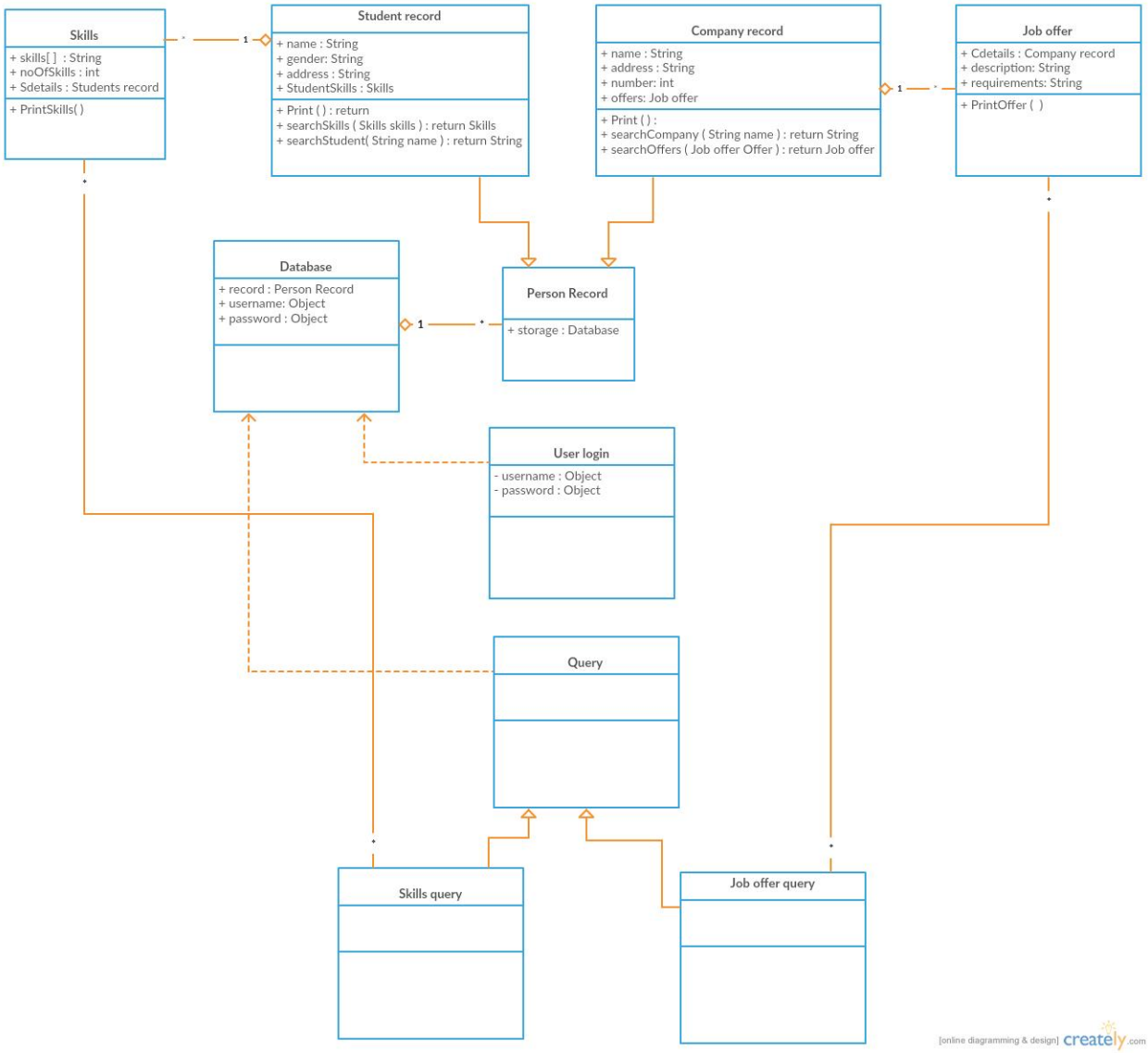
5.a – Wrong data type in the fields

    5.a1 – User is prompted to input the correct data

Activity Diagram:



Sequence Diagram:



Class diagram: