MAJOR SESSIONAL ASSIGNMENT

Deadline: 10- June -2020 (5 pm)

Submit document having following tasks

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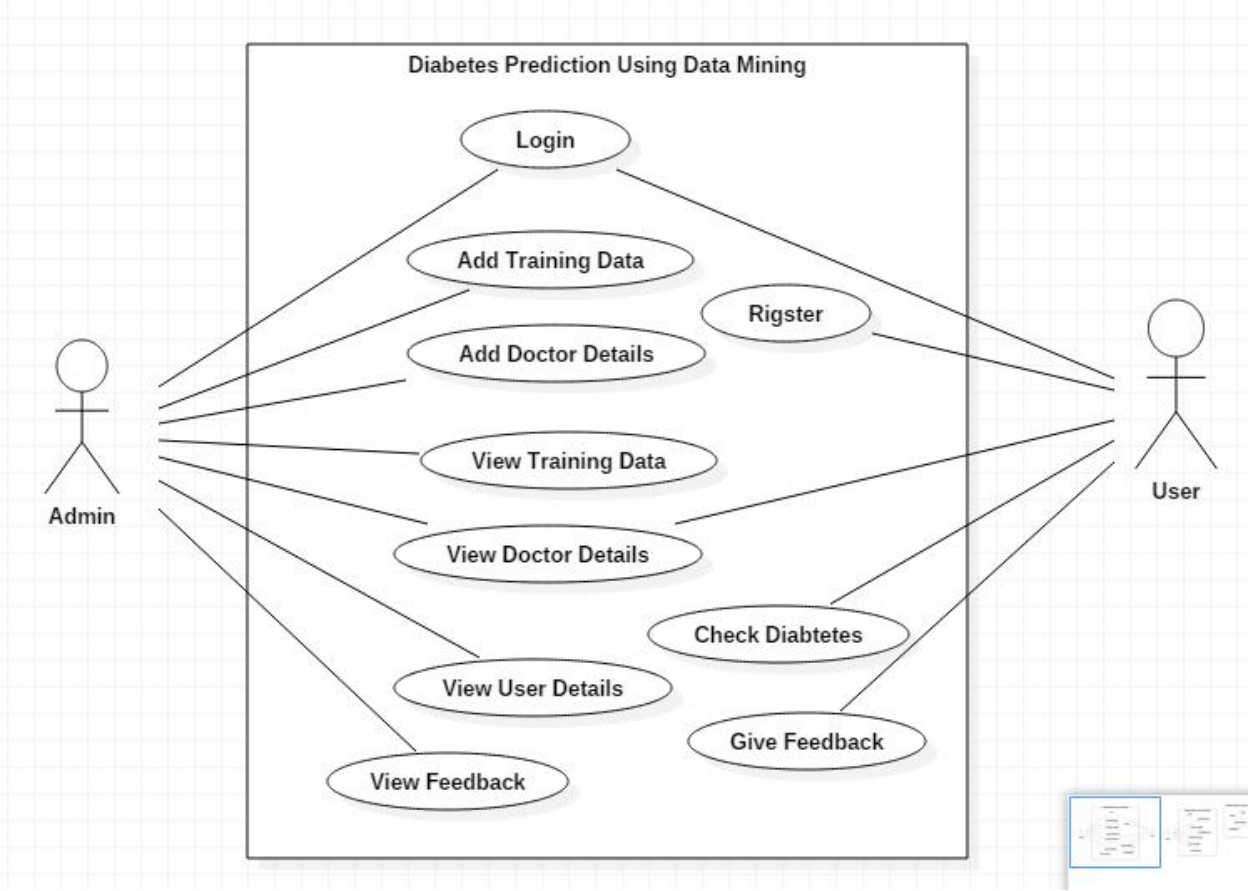
Section: A

Semester: 8

Ans: 1: Use case diagram:

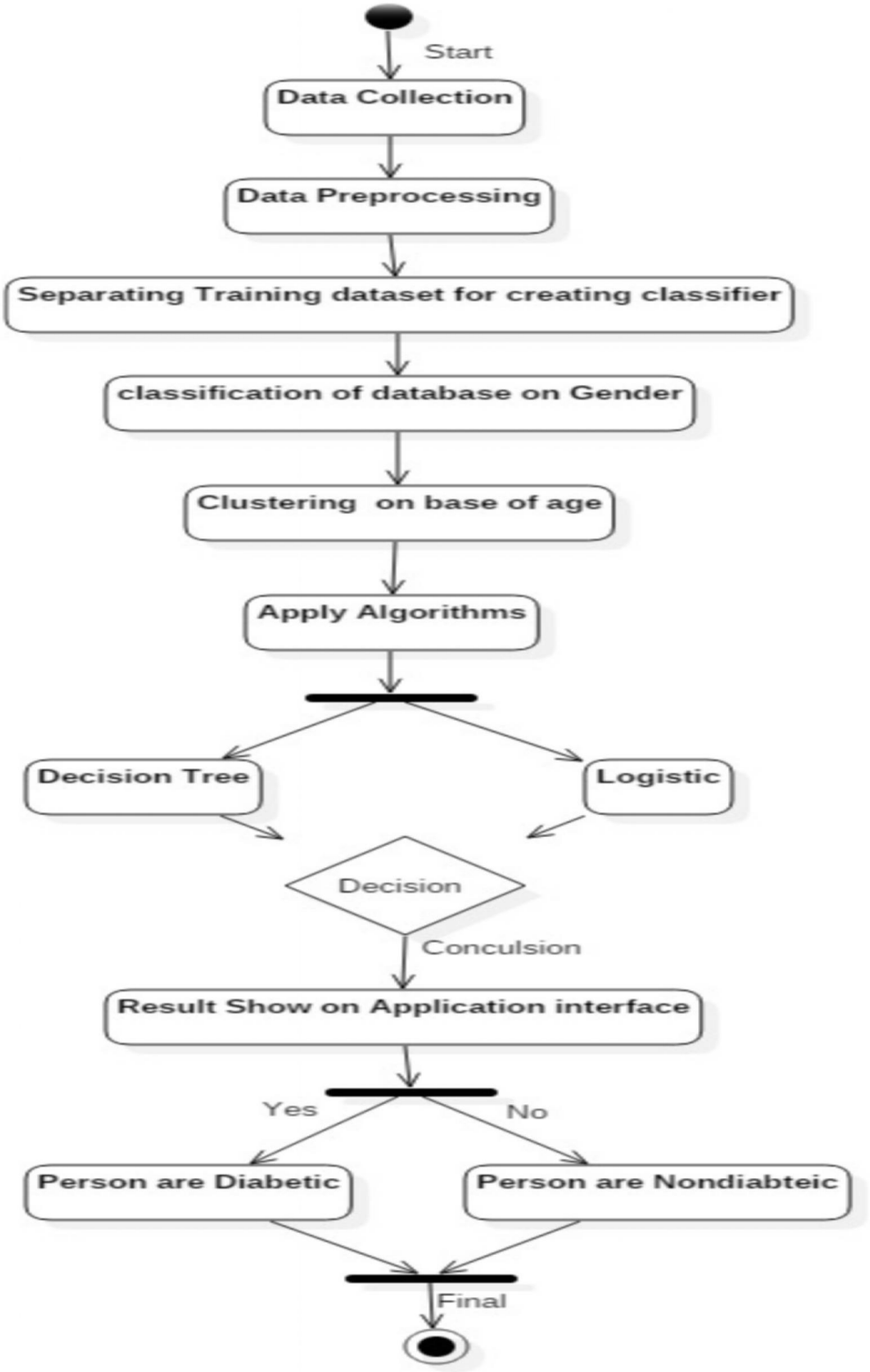


Description:

In the system above, there are two modules one is admin and the other is user. Admin can interact with the system and do the following activities like login, add training data, add doctor details, view user details, and also view feedback. User can also login with their id and password provided by the system and also register

themselves. If the user is logged into the system, they can check their diabetes and give feedback to the system for further better performance or error occur.

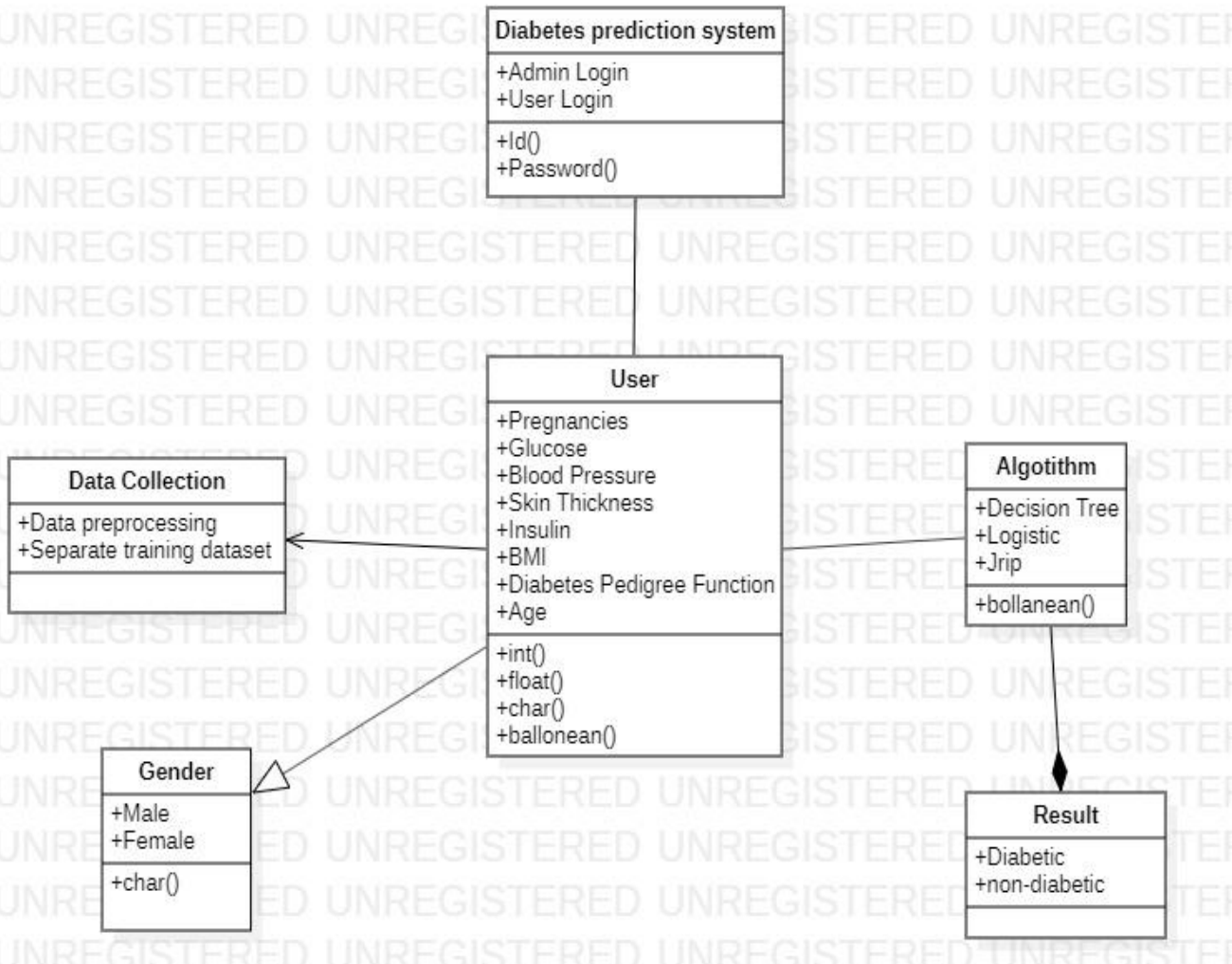
Ans: 2: Activity Diagram:



Description:

In activity diagram we collect the data from different user, preprocessor the data, separate the data, create the training data, to apply the different algorithm to perform the task to find where the person which have enter the data to the system are diabetic or non-diabetic. So to fine if the person is diabetic or non-diabetic we used decision tree and logistic algorithm by using the python language. The algorithm show some result so on the base of these result the system will decide where the person are diabetic or non-diabetic and display on the screen.

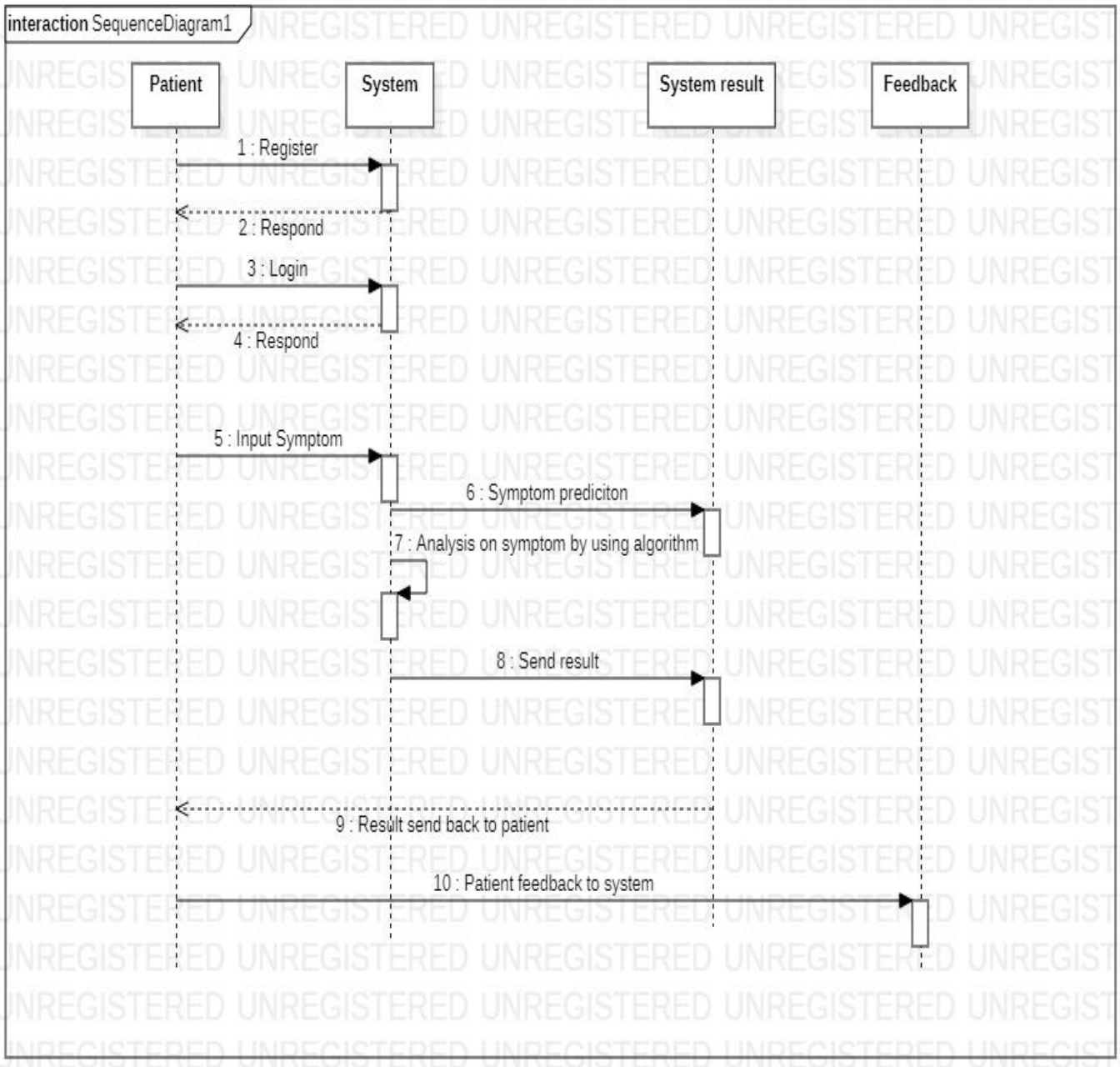
Ans: 3: Class diagram:



Description:

Class diagram are used to identified the entities and its attributes and operation it help in the development and design the sequence and state chart diagram here in this project we have six classes name diabetes prediction system, data collection, gender, user, algorithm, result. Its show the relationship and dependence b/w different classes.

Ans: 4: Sequence diagram:



Description:

In sequence diagram data flow in b/w two different state like patient to system and from system to system result and from patient to feedback mean there is interaction b/w them. The data flow in sequence if one task or operation is completed than the other task or operation performed. It is good to show the direction of operation. It helpful in development of system.