**TOPIC :**

University’s COVID-19 testing, tracking, vaccination and patient management system

**PURPOSE :**

Build a database for Northeastern University to manage COVID-19 pandemic through testing, vaccination and contact tracing.

**MISSION :**

Store the testing records of all students and faculties

Store the information of 3rd party testing services

Manage testing appointments.

Manage vaccine inventory

Find the close contacts of patients who are tested positive and retrieve their records

Find the number of people who are getting tested every day at each testing center

Find the number of people who are tested positive and require isolation