



AMERICAN INTERNATIONAL UNIVERSITY–BANGLADESH (AIUB)

FACULTY OF SCIENCE & TECHNOLOGY

Introduction To Database

Summer 2020-2021

Section: K, Group: 1.

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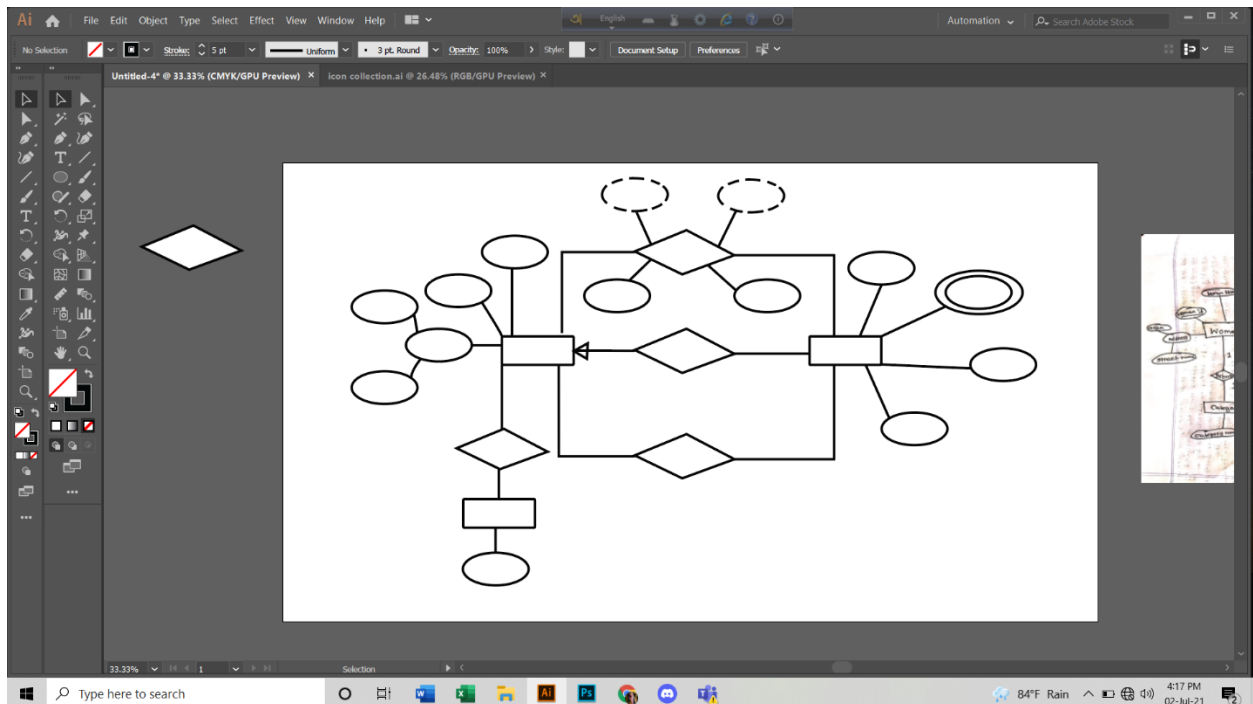
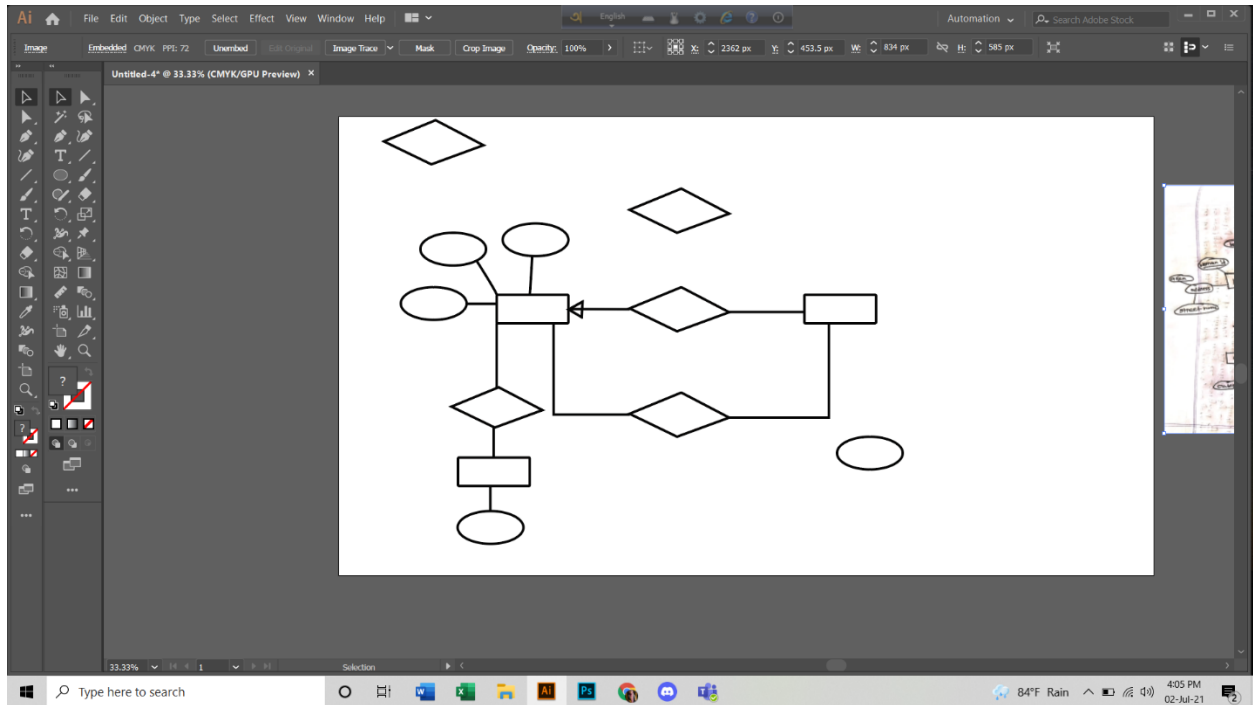
Date of Submission: July 02, 2021

Women's Ride Sharing Management

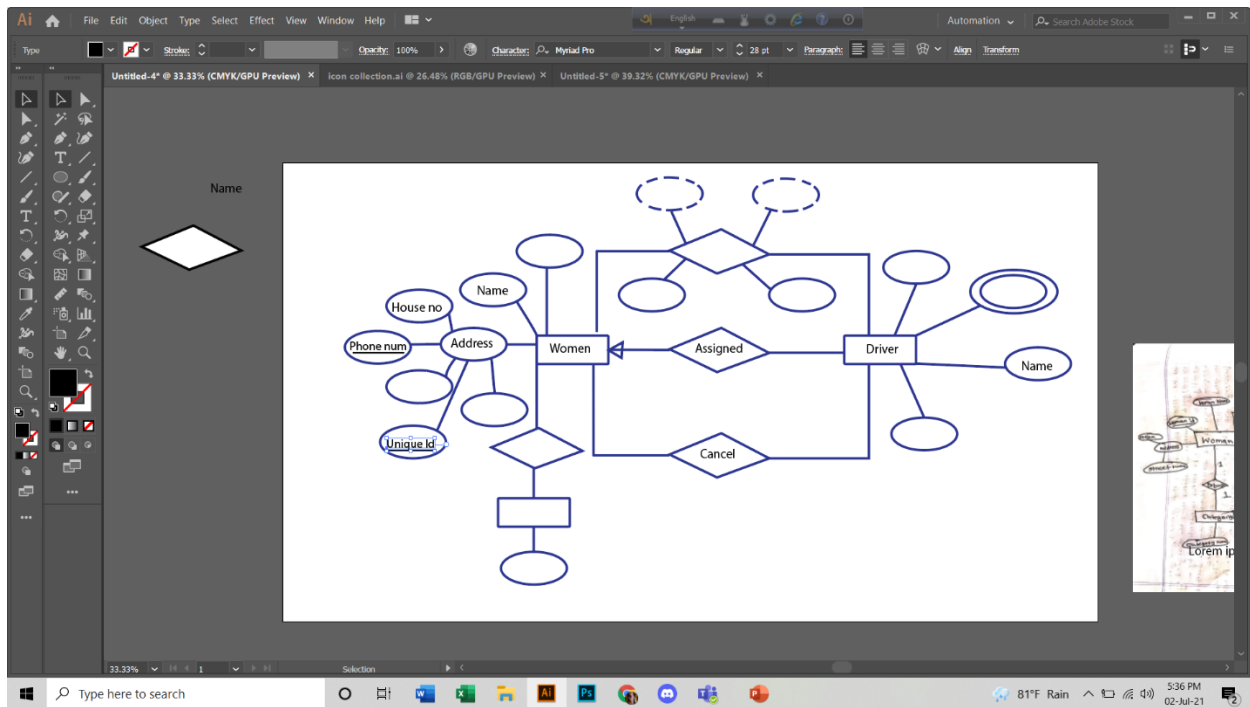
In the women's ride-sharing management there will be a registration section for general and drivers. A woman is identified by a unique id. To register and get a member id everyone has to give their name, phone number, present address, email. A member's address is composed of house number, street name, and city. The location to be traveled, trip cost, starting time, and end time shall be provided else the passenger can cancel the trip. The trip cost is determined from the start and end times. Example if 5 min costs taka 5 then "end-start time costs" = $5/5 \times \text{"end-start"}$. End time can be determined from the start time by adding the number of minutes. A bus is driven by one driver. A driver is identified by a unique driver id. The driver's name, location the driver is in, and location where he can take the passenger are also provided by the system. There are multiple locations a driver can ride. The passenger should choose exactly one are category to which she belongs. Category examples are working women, student patients. Each category has a name.

ER- Diagram

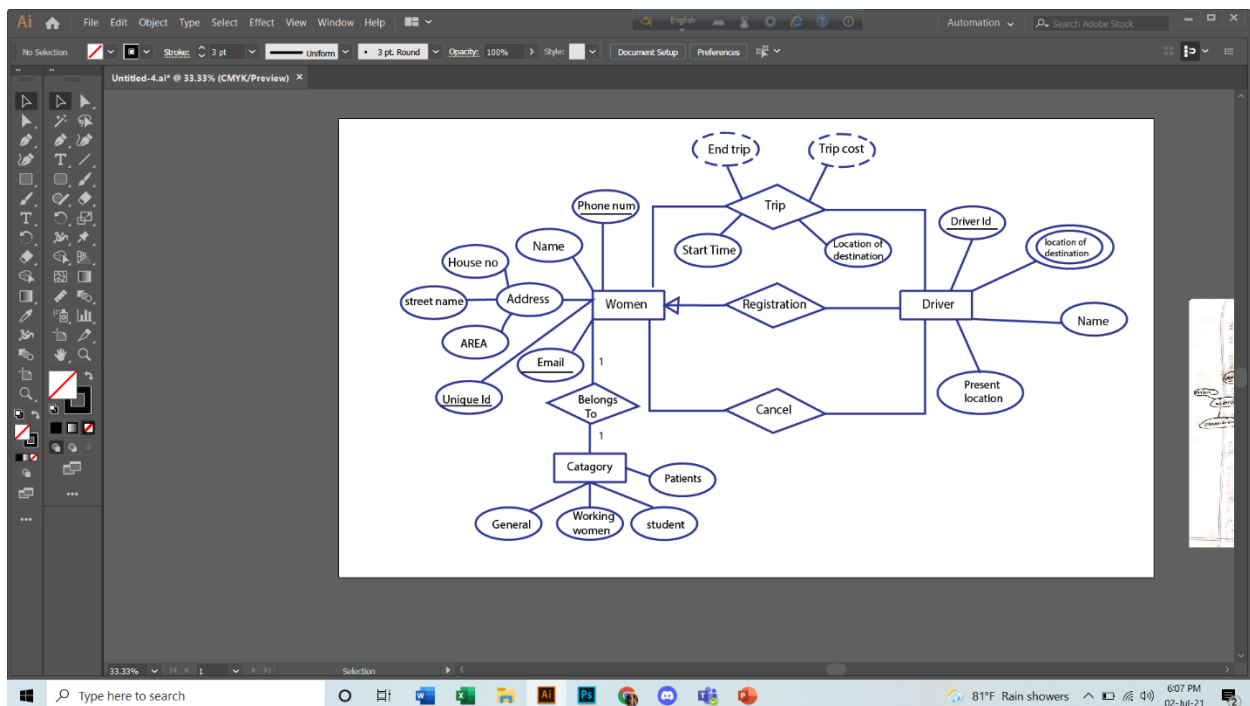
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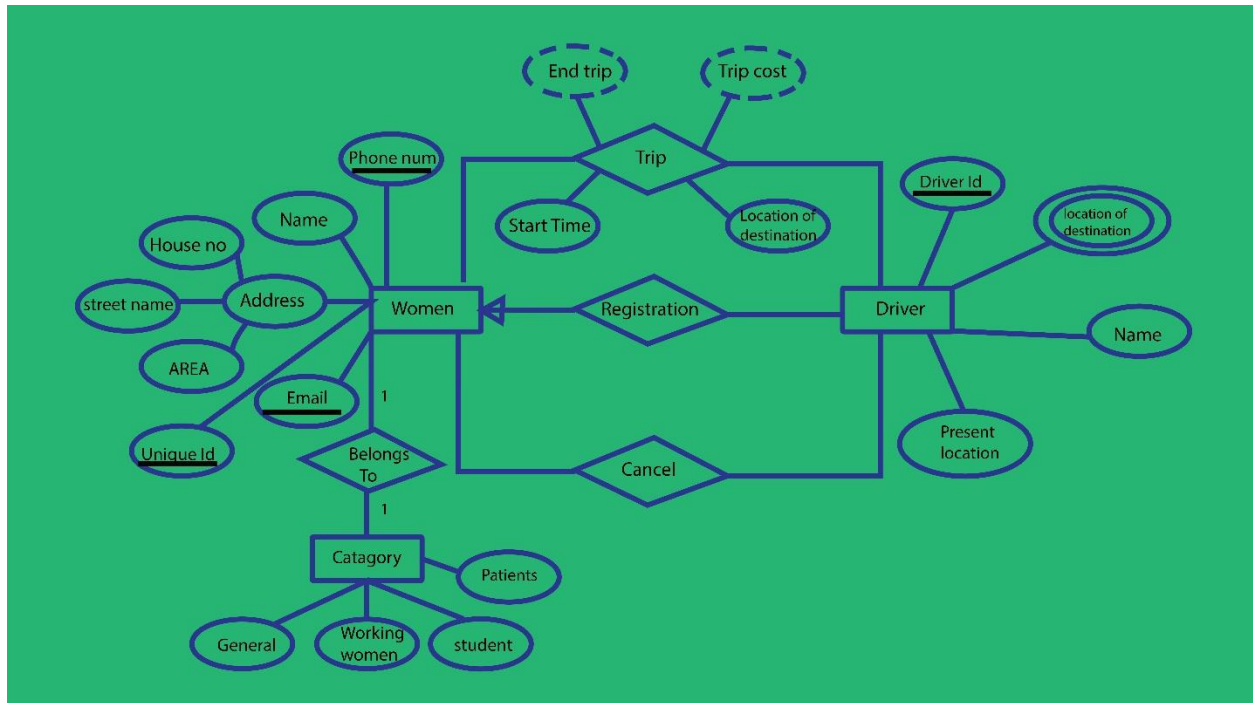


Middle:



Final:





ER- diagram