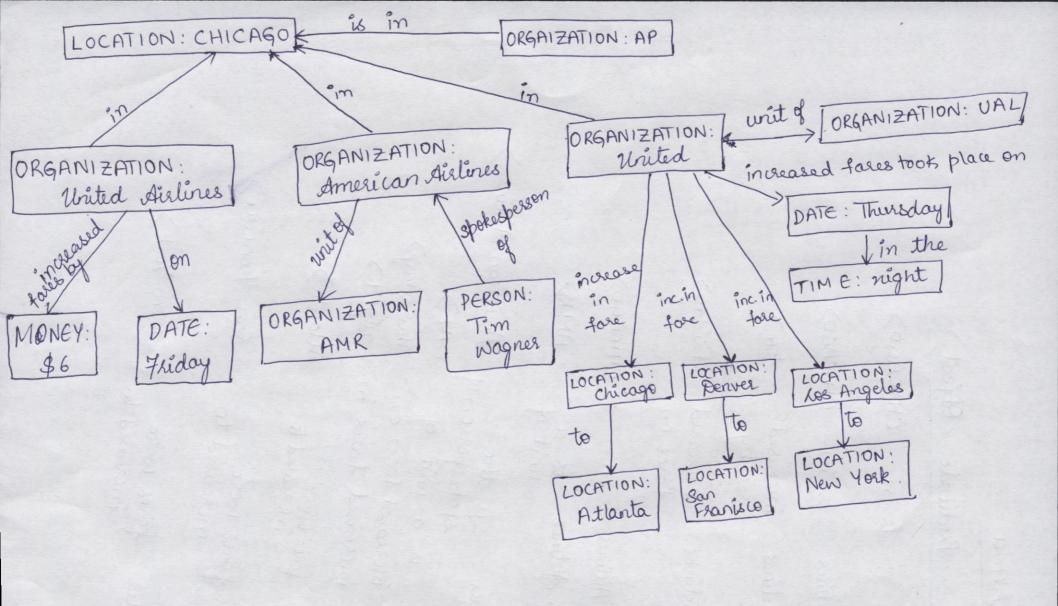Name: Megha Nagabhushan

Class ID: 15

1. Draw knowledge graphs (both Schema and Data graphs)

> CHICAGO (AP) — Citing high fuel prices, United Airlines said Friday it has increased fares by $6 per round trip on flights to some cities also served by lower-cost carriers. American Airlines, a unit AMR, immediately matched the move, spokesman Tim Wagner said. United, a unit of UAL, said the increase took effect Thursday night and applies to most routes where it competes against discount carriers, such as Chicago to Dallas and Atlanta and Denver to San Francisco, Los Angeles and New York.

2. Design question answering for the given input text. Try to include at least one questions for the following question types.
   - [x] What
   - [x] Where
   - [x] When
   - [x] Who
   - [x] How
   - [x] How much
   - [x] Yes/No

① What is the unit of UAL ?

② where is Chicago?

③ When Was the fuel prices raised ?

④ Who is the spokesperson of American Airlines?

⑤ How did the American Airlines match the move of United Airlines ?

⑥ How much was the fare increased?

⑦ Was the fare increased ?

Schema

<: Subject : Predicate : Object>

< :AP : is in : CHICAGO>

<: United Airlines : is in : CHICAGO>

<: United Airlines : increased : $6>
fares by

<: United Airlines : increased : Friday>
fares on

<: American Airlines : in : CHICAGO>

<: American Airlines : is a : AMR>
unit of

<: Tim Wagner : is the : American Airlines>
spokesperson of

<: United : is a unit of : UAL>

<: United : increased fares on : Thursday>

<: United : increased fares in : night>

<: Chicago : fares were : Atlanta>
increased to

<: Denver : fares were : San Francisco>
increased to

<: Los Angeles : fares were : New York>
increased to

LOCATION: CHICAGO ← is in ← ORGANIZATION: AP

ORGANIZATION: United → unit of → ORGANIZATION: UAL

ORGANIZATION: United Airlines (in → CHICAGO)

ORGANIZATION: American Airlines (in → CHICAGO)

ORGANIZATION: United (in → CHICAGO)

ORGANIZATION: United Airlines → increased fares by → MONEY: $6

ORGANIZATION: United Airlines → on → DATE: Friday

ORGANIZATION: American Airlines → unit of → ORGANIZATION: AMR

ORGANIZATION: American Airlines ← spokesperson of ← PERSON: Tim Wagner

ORGANIZATION: United → increased fares took place on → DATE: Thursday

DATE: Thursday → in the → TIME: night

ORGANIZATION: United → increase in fare → LOCATION: Chicago

ORGANIZATION: United → inc. in fare → LOCATION: Denver

ORGANIZATION: United → inc. in fare → LOCATION: Los Angeles

LOCATION: Chicago → to → LOCATION: Atlanta

LOCATION: Denver → to → LOCATION: San Franisco

LOCATION: Los Angeles → to → LOCATION: New York

KNOWLEDGE GRAPH.