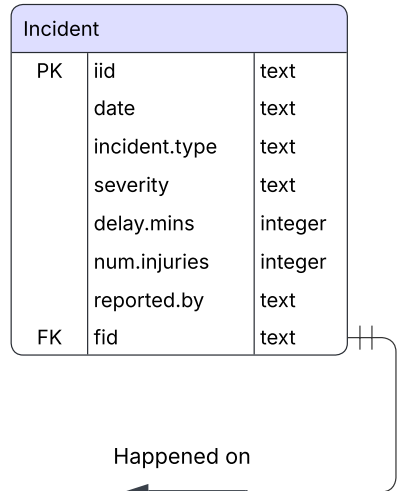**Name: Mei Qi (Amy) Chen, David Li**
Course: CS3200 Intro to Database
Semester: Summer1

Incident Entity
- 1NF – Single-valued attributes; distinct entity; one primary key (iid)
- 2NF – Fulfills 1NF; all non-key attributes depend on the PK iid
- 3NF – Fulfills 2NF
- Dependencies:
- iid(PK) → date
- iid(PK) → incident_type
- iid(PK) → severity
- iid(PK) → delay_mins
- iid(PK) → num_injuries
- iid(PK) → reported_by
- iid(PK) → fid (FK)

Flight Entity
- 1NF – Single-valued attributes; distinct entity; one primary key (fid)
- 2NF – Fulfills 1NF; all non-key attributes depend on the PK fid
- 3NF – Fulfills 2NF
- Dependencies:
- fid(PK) → flight_number
- fid(PK) → airline
- fid(PK) → aircraft
- fid(PK) → des_airport

Incident		
PK	iid	text
	date	text
	incident.type	text
	severity	text
	delay.mins	integer
	num.injuries	integer
	reported.by	text
FK	fid	text

Happened on

Flight		
PK/FK	fid	text
	flight.number	integer
	airline	text
	aircraft	text
	des.airport	text