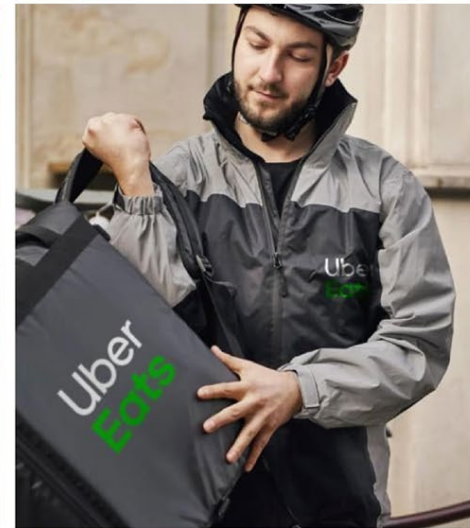# UBER'S MISSION

Uber's mission is to bring transportation-for everyone, everywhere.
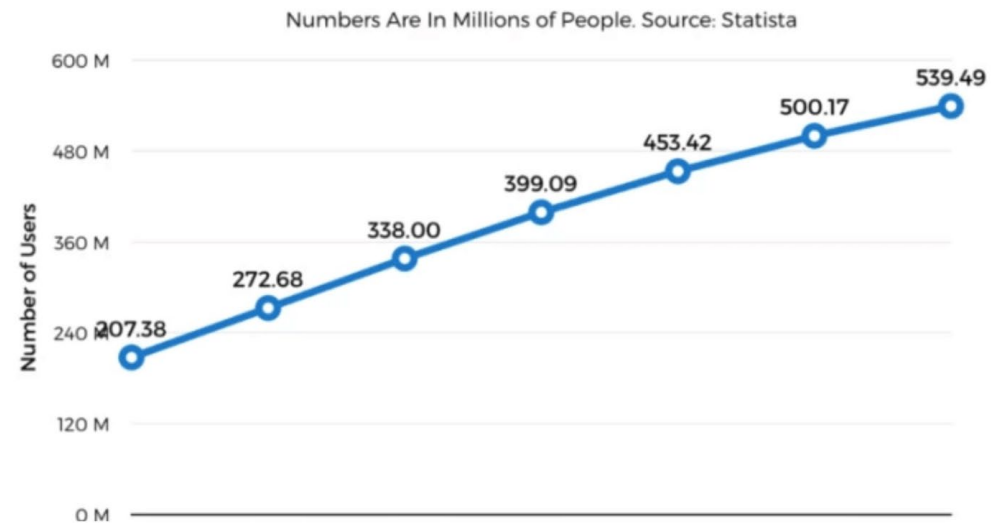
PRODUCTS AND SERVICES

➢ Uber eat

• Making money by delivering food to others

➢ Uber freight

• It is a free app that matches carriers with shippers.

➢ Uber for business

• employees can connect to a company business account to request ride.

UBER USERS

- 91 MILLION MONTHLY ACTIVE PLATFORM CONSUMERS

- 3.9 MILLION DRIVERS

- 10 BILLION TRIPS COMPLETED WORLDWIDE

Numbers Are In Millions of People. Source: Statista

539.49
500.17
453.42
399.09
338.00
272.68
207.38

COMPANY HISTORY

- Uber was founded in 2009 by Kalanick and camp

- The first-ever Uber trip was in San Francisco in July 2010

- Hit 10 billion total rides just 8 years later in June 2018

TECHNICAL OVERVIEW

❖ WEBSITE:

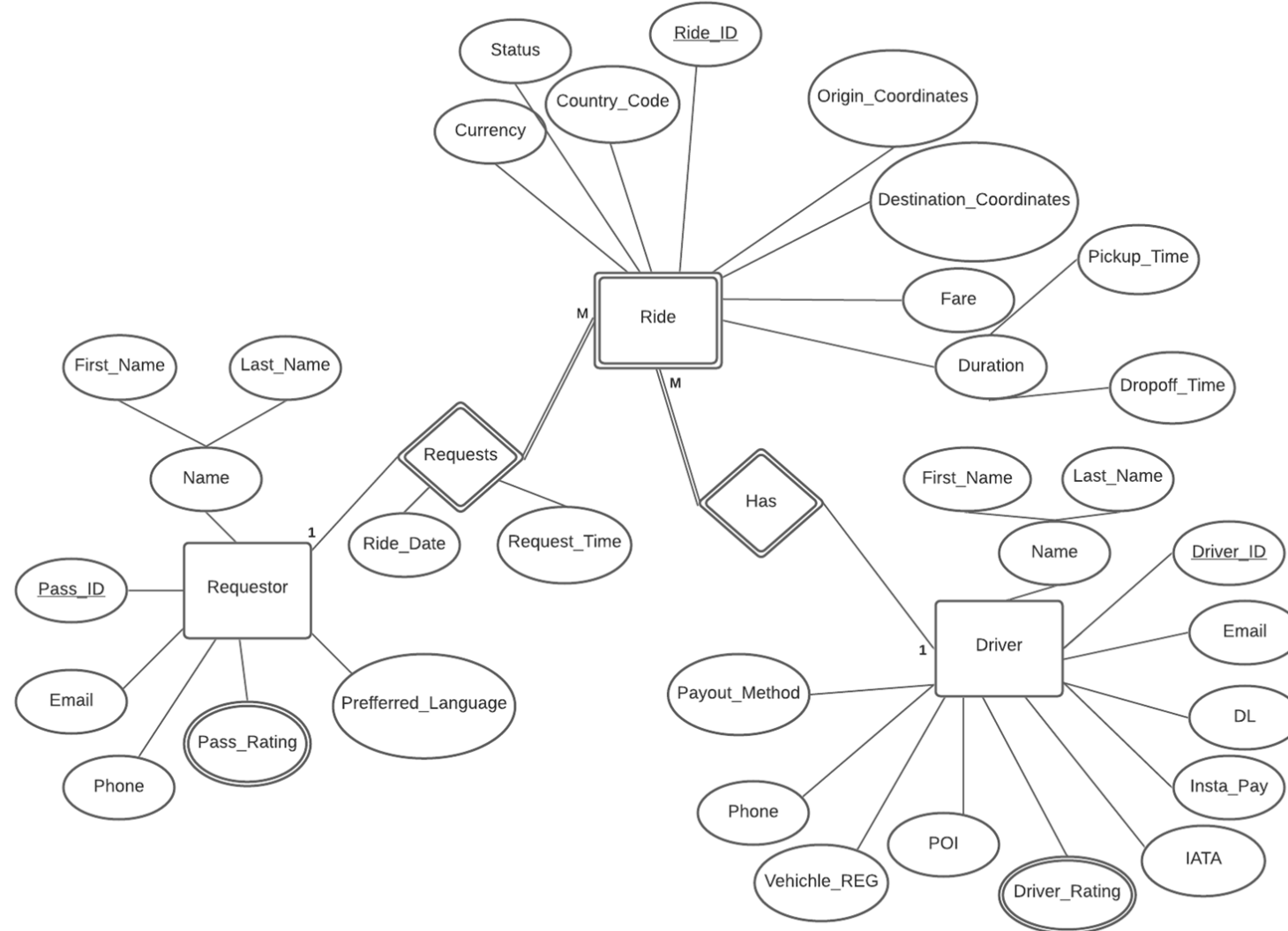➢ ACCESSIBLE ON MAC AND WINDOWS COMPUTERS

❖ APP:

➢ ACCESSIBLE ON :

➢ IPHONE

➢ ANDROID

➢ WINDOWS PHONE

REQUIREMENT FOR GO LIVE

- PASSENGERS CAN REQUEST RIDE

- DRIVERS CAN ACCEPT AND AUTHORIZE REQUEST

- RIDE REQUESTS MUST BE COMPLETED

CONCEPTUAL MODEL

The Core Concept is… Weak?

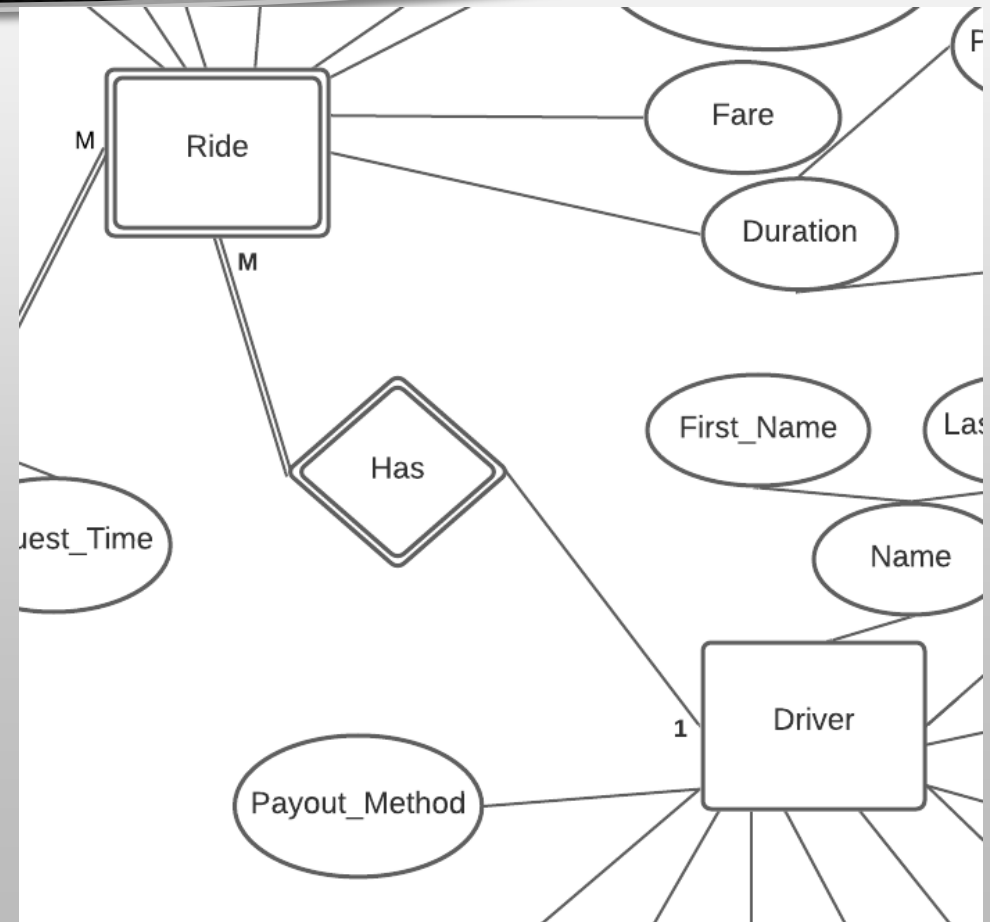- THE RIDE IS A WEAK ENTITY

- IT REQUIRES THAT BOTH A DRIVER AND A PASSENGER EXIST

- RIDES MAY ONLY HAVE ONE DRIVER AND ONE PASSENGER

- PASSENGERS AND DRIVERS MAY HAVE MANY RIDES

PARTIAL PARTICIPATION
- DRIVER AND RIDE
- PASSENGER AND RIDE

IN THE CASE OF OUR DATABASE, WE ONLY HAVE PARTIAL PARTICIPATION. IF A RIDE EXISTS, IT MUST BE ASSOCIATED WITH A DRIVER AND A PASSENGER.
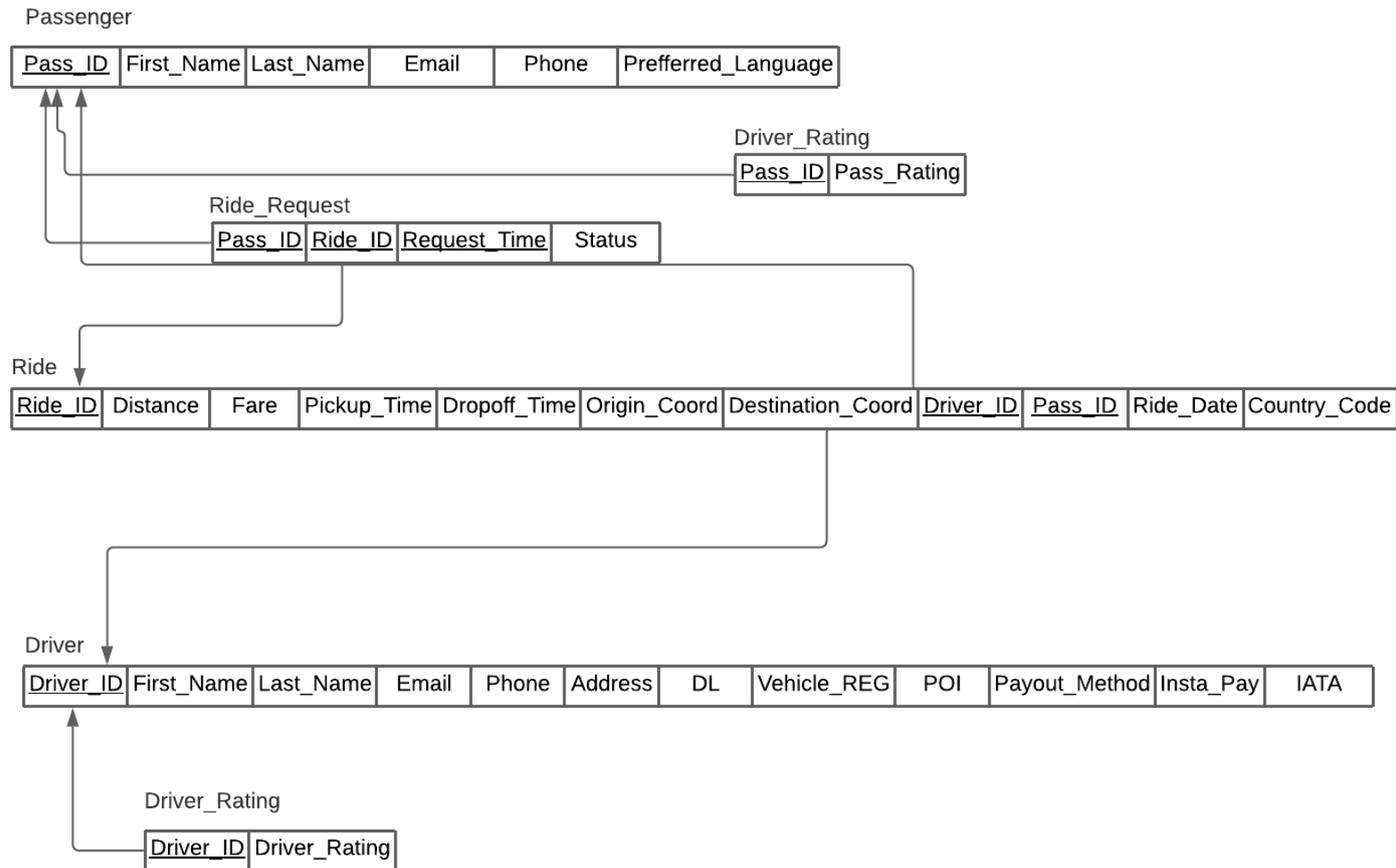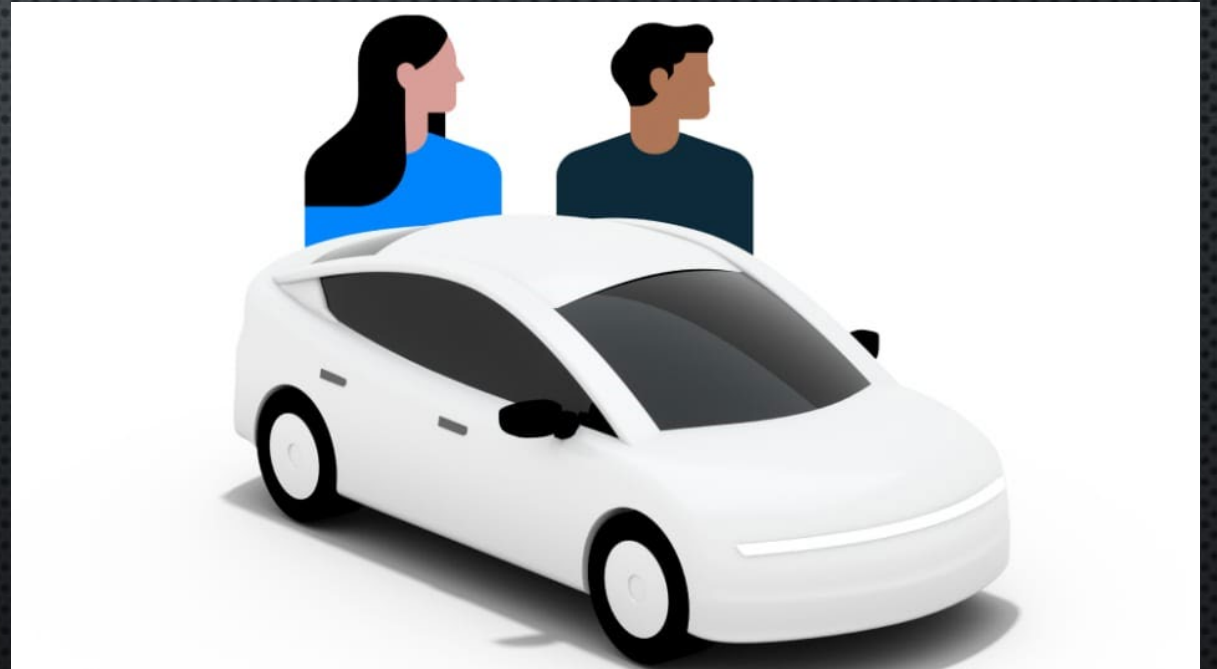
RELATIONAL MODEL

TABLE BREAKDOWN

- Passenger
- Driver
- Passenger_Rating
- Driver_Rating
- Ride
- Ride_Request

PASSENGER TABLE

- Stores information relating to users that are Uber passengers
- Stored Information:
  - Passenger ID
  - First Name
  - Last Name
  - Email Address
  - Phone Number
  - Preferred Language

PASSENGER TABLE OVERVIEW

	PASS_ID	FIRST_NAME	LAST_NAME	EMAIL	PHONE	PREFERRED_LANGUAGE	PASS_RATING
1	P5016076	Bernetta	Derisly	BernettaDerisly@invalidemail.com	1151156032	English	3
2	P4376647	Mariele	Mealham	MarieleMealham@invalidemail.com	5390044856	French	5
3	P1756933	Orella	Bassingden	OrellaBassingden@invalidemail.com	1898509803	German	4
4	P8389673	Laurie	Branney	LaurieBranney@invalidemail.com	5684353699	Spanish	2
5	P5689818	Bink	Jopp	BinkJopp@invalidemail.com	1672730381	English	4
6	P4928545	Xymenes	Wenderoth	XymenesWenderoth@invalidemail.com	5875052396	French	2
7	P8031872	Leila	Stayt	LeilaStayt@invalidemail.com	8816281679	German	3
8	P1209839	Maurie	Stubbes	MaurieStubbes@invalidemail.com	5051495209	Spanish	4
9	P1213404	Meade	Chaldecott	MeadeChaldecott@invalidemail.com	4753172421	English	3
10	P7366594	Horatio	Denford	HoratioDenford@invalidemail.com	6983850233	French	1
11	P8967493	Kendra	Lemmon	KendraLemmon@invalidemail.com	9200943180	German	5
12	P9090012	Benoite	Drillingcourt	BenoiteDrillingcourt@invalidemail.com	4450054443	Spanish	5

DRIVER TABLE

- Stores information relating to users that are drivers for Uber
- Stored Information:
  - Driver ID
  - First Name
  - Last Name
  - Email Address
  - Phone Number
  - Address

- DL
- Vehicle Registration
- POI
- Payout Method
- Insta Pay
- IATA

DRIVER TABLE EXAMPLE

	DRIVER_ID	FIRST_NAME	LAST_NAME	EMAIL	PHONE	ADDRESS	DL	VEHICLEREG	POI	PAYOUT_METHOD	INSTA_PAY	IATA	DRIVER_RATING
1	D9959367	Caitlin	Porson	CaitlinPorson@invalidemail.com	1629511477	28 Maple Wood Lane	3734369998	1	1	1	1	YXX	5
2	D9110077	Eydie	Coarser	EydieCoarser@invalidemail.com	6158472745	0104 Warrior Junction	1444348488	0	0	1	0	ACC	1
3	D6092297	Arlena	OLennane	ArlenaOLennane@invalidemail.com	5491261724	9775 Farragut Street	5722904489	0	0	1	0	ADL	3
4	D5019061	Ennis	Creasey	EnnisCreasey@invalidemail.com	6559123036	639 Center Court	7531445919	1	1	1	1	MAD	2
5	D4695965	Bendite	McEwen	BenditeMcEwen@invalidemail.com	2434410030	04920 Briar Crest Circle	2608252289	1	1	2	1	CAK	3
6	D1740277	Saree	Woltering	SareeWoltering@invalidemail.com	9077277322	684 Merchant Junction	965981163	0	0	1	0	DWC	2
7	D7687988	Barron	Einchcombe	BarronEinchcombe@invalidemail.com	8432973303	08872 Texas Pass	1119469778	1	1	2	1	HOF	3
8	D8558783	Erek	Eyres	ErekEyres@invalidemail.com	2566278291	3 Kim Point	2992856200	1	1	1	1	ALB	2
9	D5354254	Nariko	Hulse	NarikoHulse@invalidemail.com	2544350742	114 West Terrace	3387282954	0	0	1	0	OAJ	4
0	D6830425	Wilek	MacKaig	WilekMacKaig@invalidemail.com	1162193050	82233 Mockingbird Road	3701483192	1	1	2	1	ABQ	2

RIDE TABLE

- Stores information relating to each ride taken using Uber
- Stored Information:
  - Ride ID
  - Fare
  - Pickup Time
  - Drop-off Time
  - Origin Coordinates
  - Destination Coordinates
  - Driver ID
  - Passenger ID
  - Ride Date
  - Country Code

RIDE TABLE EXAMPLE

	RIDE_ID	RIDE_DATE	CURRENCY	FARE	PICKUP_TIME	DROPOFF_TIME	ORIGIN_COORD	DESTINATION_COORD	COUNTRY_CODE	REQUEST_TIME	STATUS
1	US349689962	22-APR-19	US Dollar	13.85	22-APR-19 05.23.26.000000000 AM	(null)	6 Crowley Court	72 Warbler Alley	US	22-APR-19 05.17.59.000000000 AM	0
2	US111285367	12-JUL-20	US Dollar	11.52	12-JUL-20 04.48.43.000000000 PM	(null)	65640 Ridgeway Parkway	4 Stone Corner Drive	US	12-JUL-20 04.43.16.000000000 PM	0
3	PK765173277	16-OCT-19	Pakistan Rupee	16.81	16-OCT-19 07.21.13.000000000 PM	16-OCT-19 07.38.13.000000000 PM	71359 Hanover Place	42 Green Ridge Center	PK	16-OCT-19 07.15.46.000000000 PM	1
4	DE568868871	17-DEC-19	Euro	3.76	17-DEC-19 09.44.19.000000000 PM	17-DEC-19 09.57.19.000000000 PM	3 Ronald Regan Hill	52546 Hauk Way	DE	17-DEC-19 09.38.52.000000000 PM	1
5	ZA803060985	20-AUG-20	Rand	16.03	20-AUG-20 10.39.29.000000000 PM	20-AUG-20 10.50.29.000000000 PM	1 Fordem Center	19706 Tennessee Terrace	ZA	20-AUG-20 10.34.02.000000000 PM	1
6	US302888235	13-APR-19	US Dollar	14.52	13-APR-19 03.05.27.000000000 AM	13-APR-19 03.19.27.000000000 AM	4 Nobel Lane	05 Kensington Street	US	13-APR-19 03.00.00.000000000 AM	1
7	GB242895108	03-JAN-20	Pound Sterling	15.55	03-JAN-20 05.15.53.000000000 AM	03-JAN-20 05.34.53.000000000 AM	9438 Green Center	201 Eggendart Pass	GB	03-JAN-20 05.10.26.000000000 AM	1
8	US253180881	20-FEB-20	US Dollar	18.08	20-FEB-20 05.50.13.000000000 AM	20-FEB-20 06.01.13.000000000 AM	130 Hollow Ridge Way	05709 Buena Vista Crossing	US	02-FEB-20 05.44.46.000000000 AM	1
9	US478915186	23-MAY-19	US Dollar	16.71	23-MAY-19 07.00.01.000000000 PM	23-MAY-19 07.19.01.000000000 PM	9743 Vahlen Crossing	31926 Main Terrace	US	23-MAY-19 06.54.34.000000000 PM	1
10	US631872566	13-MAR-20	US Dollar	14.47	13-MAR-20 04.36.48.000000000 AM	13-MAR-20 04.51.48.000000000 AM	5442 Dixon Park	2921 Eagle Crest Street	US	13-MAR-20 04.31.21.000000000 AM	1
11	MX545277216	25-AUG-20	Mexican Peso	19.57	25-AUG-20 06.52.34.000000000 PM	25-AUG-20 07.06.34.000000000 PM	4 Eastwood Avenue	5426 Declaration Park	MX	25-AUG-20 06.47.07.000000000 PM	1
12	US872679593	25-MAR-19	US Dollar	9.43	25-MAR-19 04.08.46.000000000 AM	25-MAR-19 04.27.46.000000000 AM	964 Moland Plaza	7477 Vera Point	US	25-MAR-19 04.03.19.000000000 AM	1
13	US212598883	10-OCT-20	US Dollar	18.62	10-OCT-20 08.19.14.000000000 PM	10-OCT-20 08.30.14.000000000 PM	1491 Center Junction	76 Grasskamp Trail	US	10-OCT-20 08.13.47.000000000 PM	1
14	US291393021	06-MAY-20	US Dollar	20.66	06-MAY-20 05.11.43.000000000 AM	06-MAY-20 05.25.43.000000000 AM	4 Hanson Parkway	2070 Ronald Regan Trail	US	06-MAY-20 05.06.16.000000000 AM	1
15	IT141047706	11-JAN-20	Euro	10.22	11-JAN-20 08.41.11.000000000 PM	11-JAN-20 08.54.11.000000000 PM	35 Anzinger Point	35554 High Crossing Trail	IT	11-JAN-20 08.35.44.000000000 PM	1
16	US591239322	28-MAY-20	US Dollar	9.2	28-MAY-20 05.26.53.000000000 PM	28-MAY-20 05.38.53.000000000 PM	23201 Clove Junction	2472 Helena Alley	US	28-MAY-20 05.21.26.000000000 PM	1
17	US477406965	08-MAR-20	US Dollar	10.41	08-MAR-20 02.09.36.000000000 AM	(null)	0220 Warrior Circle	3486 Portage Alley	US	08-MAR-20 02.04.09.000000000 AM	0

FUTURE FEATURES

- SEVERAL FEATURES WE DID NOT GET TO IMPLEMENT
- HERE'S WHAT WE WOULD LIKE TO SEE:
  - ROBUST RATING SYSTEM
  - ABILITY FOR DRIVERS TO ALSO ACT AS PASSENGERS
  - ETA FOR PICKUP ARRIVAL
  - ETA FOR DROP-OFF AT DESTINATION
  - MAP VIEW OF DRIVER LOCATION
  - MAP VIEW OF ROUTE BEING TAKEN

FUTURE FEATURES CONT.

- PayPal as a payment method
- Multiple stored payment methods
- Apple Pay, Google Pay, Samsung Pay integration
- Scheduled Rides
- Multiple paying passenger rides

CONCLUSION

- Successful implementation
- Uber was a pleasure to work with
- Look forward to future projects