VERBALISATIONS

FCO-IM 2019

Group 1

11 april

[Bike]

**There is a bicycle with bicycle number 24243.**

**There is a bicycle with bicycle number 21980.**

ET Bike

ID: Att bicycleNumber

[BikeType]

**The bicycle with bicycle number 24243 is from bicycletype electric.**

**The bicycle with bicycle number 21980 is from bicycletype mechanical.**

ET Bike Att bicycleType

MATCH

[LockedStatus]

**The bicycle with bicycle number 24243 shows that it is safely locked.**

**The bicycle with bicycle number 21980 shows that it is unlocked.**

ET BIKE Att isLocked

MATCH

[StatusCharge]

**The electric bicycle with bicycle number 24243 has a low battery.**

ET ElectricalBike Att isLow

ID: ET Bike

RT BIKE\_IS\_ELECTRICAL between Bike and ElectricalBike (dependent)

[isRentable]

**The bicycle with bicycle number 24243 has the status rentable.**

**The bicycle with bicycle number 21980 has the status not rentable.**

ET Bike Att isRentable

MATCH

[Bike Station]

**There is a bicycle station with station number 5116.**

**There is a bicycle station with station number 5001.**

ET Station

ID: Att stationNumber

[BikePosts]

**The bicycle station with station number 5116 has a bicycle post with number 17.**

**The bicycle station with station number 5116 has a bicycle post with number 3.**

**The bicycle station with station number 5001 has a bicycle post with number 8.**

ET Station ET Post

MATCH ID: ET Station + Att postNumber

RT Station\_Post between Station and Post (dependent).

**The bicycle Station with the station number 5116 has 70 bike posts.**

**The bicycle Station with the station number 5001 has 60 bike posts.**

ET Station Att numberOfPosts

MATCH

[Stationname]

**The bicycle Station with Station number 5116 is named Place Vallhubert.**

**The bicycle Station with Station number 5001 is named Harpe – Saint-Germain.**

ET Station Att stationName

MATCH

[Short-TermAvailability]

**The Terminal of bicycle station 5116 does offer a short-term Pass.**

**The Terminal of bicycle station 5001 does not offer a short-term Pass.**

ET Station Att doesOfferShortTermPass

MATCH

[StationLanguage]

**The Terminal with station number 5116 offers the language French.**

**The Terminal with station number 5001 offers the language English.**

ET Station ET Language

MATCH ID: Att languageName

RT Station\_Language between Station and Language

[Stationadress]

**The bicycle station with Station number 5116 is located at the street Rue Louis Blanc.**

ET Station Att streetName

MATCH

**The bicycle station with station number 5116 is located at the streetnumber 22.**

ET Station Att streetNumber

MATCH

**The bicycle station with Station number 5116 is located at the zip code 75000.**

ET Station Att zipcode

MATCH

[PostStatus]

**The bike post 5 of the station with station number 5116 is free.**

**The bike post 3 of the station with station number 5116 is not free.**

**The bike post 8 of the station with station number 5001 is blocked.**

ET Post Att postStatus

MATCH

[StationStatus]

**The station with station number 5116 has the status open.**

**The station with station number 5001 has the status closed.**

ET Station Att stationStatus

MATCH

[Subscription]

**There is a subscription of type V-Découverte.**

ET Subscription

ID: Att subscriptionName

**The 30 minute fee for a mechanical bike for the subscription of type V-Découverte is €0,00.**

**The 60 minute fee for an electrical bike for the subscription of type V-Découverte is €2,00.**

**The price per 30 minutes for an electrical for the subscription of type V-Découverte is €2,00.**

ET SubscriptionFee Att fee

ID: ET Subscription + Att time + Att bikeType

RT: SubscriptionFee\_OF\_Subscription between Subscription and SubscriptionFee (dependent).

**The Subscripiction of the subscription type V-decouverte lasts 24 hours.**

ET Subscription Att duration

MATCH

[Short-Term]

**The base price for 1 bike for the short-term subscription of type V-Découverte is €5,00.**

ET ShortTermSubscription Att price

ID: ET Subscription + Att numberOfBikes

MATCH

RT ShortTermSubscription\_OF\_Subscription between ShortTermSubscription (dependent) and Subscription.

[Paid long-term]

**The monthly fee for the long-term subscription of type V-PLUS is €3,10.**

ET LongTermSubscription Att monthlyFee

ID: ET Subscription

RT LongTermSubscription\_OF\_Subscription between LongTermSubscription (dependent) and Subscription

[Subscriber]

**There is a subscriber with access code 12345678.**

**There is a subscriber with access code 99998888.**

ET Subscriber

ID: Att accessCode

**The subscriber with access code 12345678 has the E-mail address s.trebing@hhhhh.de.**

ET Subscriber Att email

MATCH

**The subscription V-MAX from the subscriber with access code 12345678 started on 07.04.2019 14:00.**

ET SubscriptionOfSubscriber

ID: ET Subscriber + ET Subscription + Att date

RT SubscriptionsOfSubscriber\_Of\_Subscriber between SubscriptionOfSubscriber (dependent) and Subscriber

RT SubscriptionsOfSubscriber\_Of\_Subscription between SubscriptionOfSubscriber (dependent) and Subscription

[User Payment]

**The Subscriber with Subscriber access code 12345678 has a creditcard with creditcard number 1234 1234 1234 1234.**

**The Subscriber with Subscriber access code 67894323 has a creditcard with creditcard number 9876 9876 9876 9876.**

ET Subscriber Att creditcardNumber

MATCH

**The Subscriber with subscriber access code 99999888 has a prepaid card with number 99999888.**

ET LongTermSubscriber ET Prepaid

ID: ET Subscriber ID: ET LongTermSubsciber

RT Prepaid\_OF\_LongTermSubscriber between Prepaid (dependent) and LongTermSubscriber

RT LongTermSubscriberOfSubscriber between Subscriber and LongTermSubscripter (dependent)

**The subscriber card with card number 12345678 has a credit of €20.**

ET: Prepaid Att: credit

MATCH

[Subscriber Subscription]

**The long-term subscription with the subscriber access code 12345678 is set for auto renewal.**

ET LongTermSubscriber Att autoRenewal

MATCH

**The long-term subscription with the subscriber access code 12345678 has saved up 5 bonus minutes.**

ET BonusMinutes Att minutes

ID: ET LongTermSubscriber

RT BonusMinutesOfLongTermSubscriber between BonusMinutes (dependent) and LongTermSubscribers.

**The subscriber 12345678 has the payment method credit card since 01.01.2019.**

ET PaymentMethod Att paymentMethod

ID: ET Subscriber + Att date

RT PaymentMethod\_OF\_Subscriber between PaymentMethod and PaymentMethod (dependent).

[Bikeride]

**The subscriber access code 12345678 has rented bike with number 24243 at 01.01.2019 12:00.**

ET BikeRide Att startDate

ID: ET Bike + ET Subscriber

RT BikeRide\_OF\_Subscriber between BikeRide and Subscriber

RT Bike\_OF\_BikeRide between Bike and BikeRide(dependent)

[Details of Bikeride]

**Bike with number 24243 rented at 01.01.2019 12:00 from Station with number 5001 from bike post 17.**

ET BikeRide Att startStation Att: startBikePost

MATCH

RT BikeRide\_FROM\_STATION between BikeRide and Station.

RT BikeRide\_FROM\_BIKEPOST between BikeRide and BikePost.

**Bike with number 24243 rented at 01.01.2019 12:00 was returned to Station with number 5116 to bike post 3.**

ET BikeRide Att: endStation Att: endBikePost

MATCH

RT BikeRide\_TO\_STATION between BikeRide and Station.

RT BikeRide\_TO\_BIKEPOST between BikeRide and BikePost.

**Bike with number 24243 rented at 01.01.2019 12:00 was returned at 01.01.2019 12:40.**

ET BikeRide Att: startDate Att endDate

MATCH

**The ride of bike with number 24243 rented at 01.01.2019 12:00 cost €2,00.**

ET BikeRide Att price

MATCH

[Bill]

**There is a Bill with bill number 3456.**

ET Bill

ID ATT billNumber

**The Bill with bill number 3456 is for long-term subscriber with subscriber access code 12345678.**

ET Bill ET LongTermSubscriber

MATCH MATCH

RT BILL\_OF\_LONGTERMSUBSCRIBER between Bill and LongTermSubscriber

**The bill with bill number 5637 started on 01.01.2019.**

ET Bill Att: startDate

MATCH

**Bill with bill number 3456 contains the bikeride of the bike with number 23234 on 01.01.2019 12:40.**

ET Bill ET BikeRide

MATCH MATCH

RT: BILL\_OF\_BIKERIDE between Bill and BikeRide.

The following facttypes are only in de model of the Dutch students.

[address]

Adjusted analysis Station:

**The Station with number 5116 is located at the address with id 1.**

ET Station ET Address

MATCH ID: id

RT: ADDRESS\_OF\_STATION between address and station.

**Address id 1 has streetname Rue Louis Blanc.**

ET Address Att: streetname

MATCH

**Address id 1 has streetnumber 22**

ET Address Att streetNumber

MATCH

**Address id 1 has the zip code 75000.**

ET Address Att zipcode

MATCH

[Maintenance]

**Technician 2 has the name Karel.**

ET Technician Att name

ID Att id

**Workshop with id 438 has the address id 2.**

ET workshop ET Address

ID: id MATCH

RT: ADDRESS\_OF\_WORKSHOP between address and workshop

**Technician 2 works at workshop 438 since 11.09.18.**

ET: WorkshopTechnician

ID: ET Technician + ET Workshop + att: date

MATCH MATCH

RT: TECHNICIAN\_OF\_WORKSHOPTECHNICIAN between workshopTechnician and technician.

RT: WORKSHOP\_OF\_WORKSHOPTECHNICIAN between workshopTechnician and workshop.

**Technician 2 is part of groundteam 10 since 10.08.19 11.50.**

ET: GroundteamTechnician

ID ET Technician + ET GROUNDTEAM + Att date

RT: TECHNICIAN\_OF\_GROUNDTEAMTECHNICIAN between GroundteamTechnician and Technician.

RT: GROUNDTEAM\_OF\_GROUNDTEAMTECHNICIAN between GroundteamTechnician and Groundteam.

**A bike has the part with nummer 567.**

ET BikePart

ID: Att partName

**The bike with number 1000 was repaired by technician 2 at 01.01.2019 14.30.**

ET Repair ET Technician

ID: ET Bike + Att date MATCH

MATCH

RT REPAIR\_OF\_BIKE between Repair(dependent) and Bike

RT REPAIR\_BY\_TECHNICIAN TETt Technician between Repair and Technician

**The part with number 7 of bike 1000 where replaced with item 736 at 01.01.2019 15.00.**

ET Repair ET BikePart

MATCH MATCH

RT REPAIR\_WITH\_BIKE\_PART between Repair and BikePart

**The repair of bike 1000 on 02.03.18 has the description ‘only oiled the chain’.**

ET: Repair Att: discription

MATCH