

callId (PK)	constId (FK)	callDate	duration	callType	notes
C001	NAM02	02/03/25	00:03:34	Q&A	N/A
C135	EUR01	04/06/25	00:06:45	Reservation	New Reservation
C333	EUR02	06/10/25	00:20:33	Hotel	Book Hotel
C458	NAM02	06/13/25	00:50:08	Q&A	N/A
C376	EAS01	06/22/25	01:00:04	Reservation	Cancel Reservation
C464	SEA01	07/11/25	00:30:07	Fee	Refund Request
C957	OCE01	07/31/25	00:05:59	Fee	Apply for discount

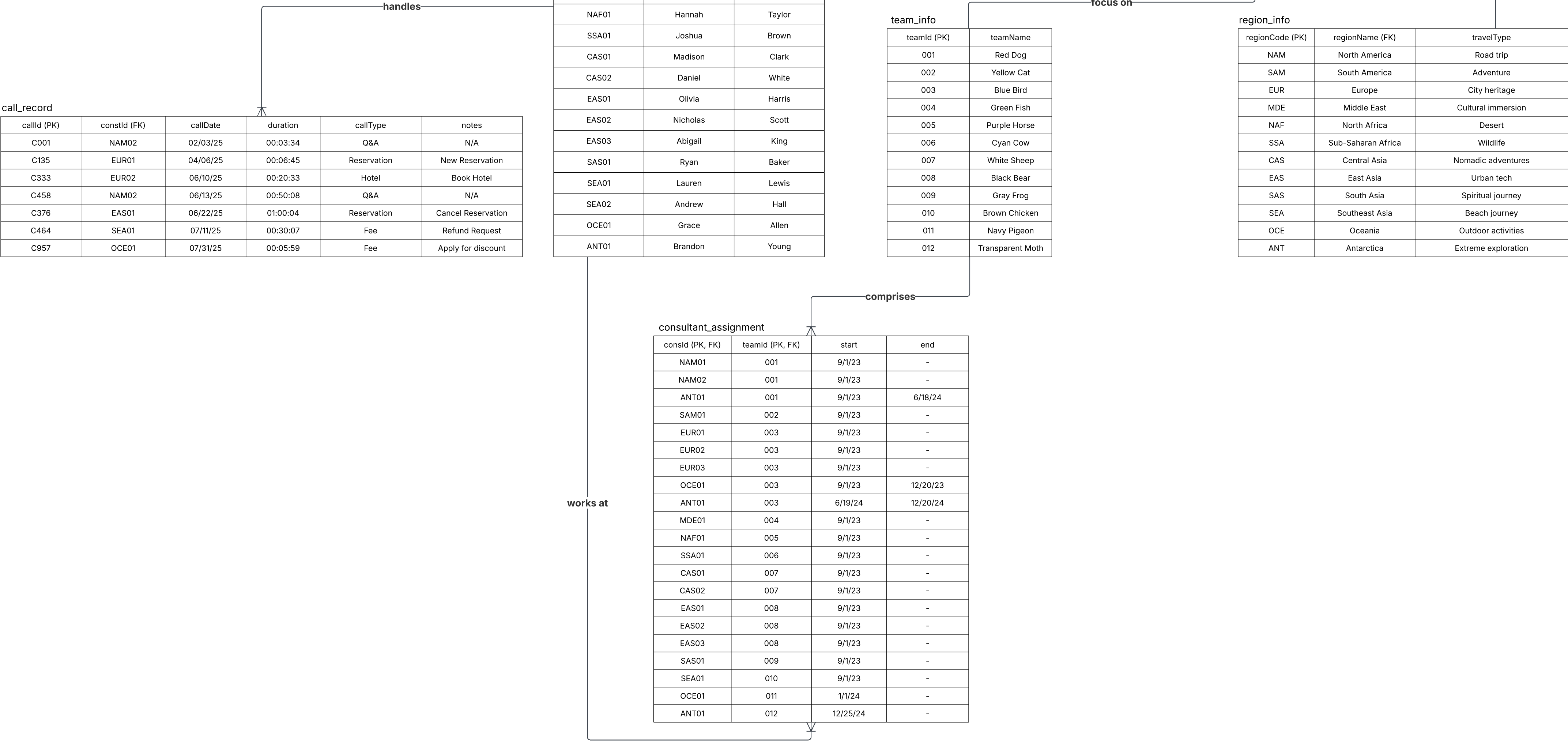
constId (PK)	firstName	lastName
NAM01	James	Miller
NAM02	Emily	Johnson
SAM01	Michael	Davis
EUR01	Ashley	Thompson
EUR02	Christopher	Wilson
EUR03	Jessica	Martinez
MDE01	Matthew	Anderson
NAF01	Hannah	Taylor
SSA01	Joshua	Brown
CAS01	Madison	Clark
CAS02	Daniel	White
EAS01	Olivia	Harris
EAS02	Nicholas	Scott
EAS03	Abigail	King
SAS01	Ryan	Baker
SEA01	Lauren	Lewis
SEA02	Andrew	Hall
OCE01	Grace	Allen
ANT01	Brandon	Young

teamId (PK)	teamName
001	Red Dog
002	Yellow Cat
003	Blue Bird
004	Green Fish
005	Purple Horse
006	Cyan Cow
007	White Sheep
008	Black Bear
009	Gray Frog
010	Brown Chicken
011	Navy Pigeon
012	Transparent Moth

teamId (PK, FK)	regionCode (PK, FK)	startDate	endDate
001	NAM	9/1/23	-
012	NAM	9/1/23	6/18/24
002	SAM	9/1/23	-
003	EUR	9/1/23	-
011	EUR	9/1/23	12/20/23
012	EUR	6/19/24	12/20/24
004	MDE	9/1/23	-
005	NAF	9/1/23	-
006	SSA	9/1/23	-
007	CAS	9/1/23	-
008	EAS	9/1/23	-
009	SAS	9/1/23	-
010	SEA	9/1/23	-
011	OCE	1/1/24	-
012	ANT	12/25/24	-

regionCode (PK)	regionName (FK)	travelType
NAM	North America	Road trip
SAM	South America	Adventure
EUR	Europe	City heritage
MDE	Middle East	Cultural immersion
NAF	North Africa	Desert
SSA	Sub-Saharan Africa	Wildlife
CAS	Central Asia	Nomadic adventures
EAS	East Asia	Urban tech
SAS	South Asia	Spiritual journey
SEA	Southeast Asia	Beach journey
OCE	Oceania	Outdoor activities
ANT	Antarctica	Extreme exploration

constId (PK, FK)	teamId (PK, FK)	start	end
NAM01	001	9/1/23	-
NAM02	001	9/1/23	-
ANT01	001	9/1/23	6/18/24
SAM01	002	9/1/23	-
EUR01	003	9/1/23	-
EUR02	003	9/1/23	-
EUR03	003	9/1/23	-
OCE01	003	9/1/23	12/20/23
ANT01	003	6/19/24	12/20/24
MDE01	004	9/1/23	-
NAF01	005	9/1/23	-
SSA01	006	9/1/23	-
CAS01	007	9/1/23	-
CAS02	007	9/1/23	-
EAS01	008	9/1/23	-
EAS02	008	9/1/23	-
EAS03	008	9/1/23	-
SAS01	009	9/1/23	-
SEA01	010	9/1/23	-
OCE01	011	1/1/24	-
ANT01	012	12/25/24	-



Note: Assumption is made that each documented member must be registered for membership at at least 1 branch.

member_info

memberId (PK)	firstName	lastName	address
0101	Natalie	Foster	1642 Cherry Blossom Lane, Denver, CO 80220
0102	Evan	Mitchell	815 West 24th Street, Austin, TX 78705
0103	Lila	Rodriguez	1842 Pine Street, Seattle, WA 98101
0104	Dylan	Cooper	3421 Melrose Avenue, Los Angeles, CA 90029
0105	Sienna	Brooks	7810 Sunset Boulevard, Los Angeles, CA 90046

registered at

membership_info

membershipId (PK)	memberId (FK)	branchId (FK)	date
m1	0101	dv01	6/4/21
m2	0102	dv02	2/2/22
m3	0103	dv03	3/5/23
m4	0104	dv04	6/4/5
m5	0105	dv04	7/11/25

holds the memberships of

branch_info

branchId (PK)	street	city	state	zipCode	tel
dv01	1428 Maplewood Dr	Denver	CO	80205	(303)-555-1942
dv02	375 Oak Hill Ln	Austin	TX	78704	(512)-555-7630
dv03	921 Birchwood Ave	Seattle	WA	98103	(206)-555-8821
dv04	2080 Sunset Blvd	Los Angeles	CA	90026	(323)-555-6094

staff_info

staffId (PK)	firstName	lastName	salary
st001	Olivia	Carter	\$82,000
st002	Ethan	Brooks	\$50,000
st003	Sophia	Hayes	\$78,000
st004	Liam	Parker	\$47,000
st005	Ava	Mitchell	\$88,000
st006	Noah	Sullivan	\$55,000
st007	Chloe	Bennett	\$92,000
st008	Mason	Reed	\$57,000

comprises

staff_assignment

branchId (PK,FK)	staffId (PK, FK)	startDate	endDate
dv01	st001	3/5/20	-
dv01	st002	3/5/20	-
dv02	st003	4/4/20	-
dv02	st004	4/4/20	-
dv03	st005	4/5/20	-
dv03	st006	4/6/20	-
dv04	st007	5/7/22	-
dv04	st008	6/6/22	-

is assigned to

has the manager record of

manager_info

branchId (PK,FK)	staffId (PK,FK)	startDate	endDate
dv01	st001	3/5/20	-
dv02	st003	4/4/20	-
dv03	st005	4/5/20	-
dv04	st007	5/7/22	-

Note: Not every staff has the record of being assigned as manager.

is rented at a rate of

movie_info

imdbCode (PK)	title	category	director
tt1375666	Inception	Sci-Fi	Christopher Nolan
tt0133093	The Matrix	Sci-Fi	Lana Wachowski, Lilly Wachowski
tt0111161	The Shawshank Redemption	Drama	Frank Darabont
tt6751668	Parasite	Thriller	Bong Joon-ho
tt0816692	Interstellar	Sci-Fi	Christopher Nolan

is copied in

has the copies of

dvd_info

dvdCode (PK)	imdbCode (FK)	branchId (FK)	status
DVD-1049-A7F	tt1375666	dv01	Unavailable
DVD-2375-K2M	tt1375666	dv01	Available
DVD-3981-Q6X	tt1375666	dv02	Available
DVD-4527-L9T	tt1375666	dv03	Available
DVD-6278-H3Y	tt1375666	dv04	Available
DVD-7412-M5P	tt0133093	dv01	Available
DVD-8569-T8J	tt0133093	dv01	Available
DVD-9021-V1C	tt0133093	dv02	Unavailable
DVD-9987-Z6D	tt0133093	dv02	Available
DVD-1147-C2X	tt0133093	dv03	Unavailable
DVD-2285-M6J	tt0133093	dv04	Available
DVD-3389-R9Q	tt0111161	dv01	Available
DVD-4410-Z3L	tt0111161	dv02	Available
DVD-5098-K8V	tt0111161	dv03	Available
DVD-6721-T1N	tt0111161	dv04	Available
DVD-7854-H4S	tt6751668	dv01	Available
DVD-8432-P7D	tt6751668	dv02	Unavailable
DVD-9675-W2B	tt6751668	dv02	Unavailable
DVD-1003-G5F	tt6751668	dv03	Available
DVD-1324-J7Q	tt6751668	dv04	Unavailable
DVD-2489-P3M	tt6751668	dv04	Available
DVD-3576-L8R	tt0816692	dv01	Available
DVD-4692-V2C	tt0816692	dv01	Available
DVD-5811-K6X	tt0816692	dv02	Available
DVD-6948-S9D	tt0816692	dv03	Unavailable
DVD-7283-H4B	tt0816692	dv03	Unavailable
DVD-8457-Z1T	tt0816692	dv04	Unavailable

Note: Each DVD is given a unique code even if some of them have the copy of the same movie (to make sure each DVD is unique throughout all branches).

rents

has the rental rate of

daily_rental_cost

imdbCode (PK, FK)	branchId (PK, FK)	dailyRentalCost
tt1375666	dv01	\$5
tt1375666	dv02	\$5
tt1375666	dv03	\$5
tt1375666	dv04	\$6
tt0133093	dv01	\$6
tt0133093	dv02	\$6
tt0133093	dv03	\$6
tt0133093	dv04	\$7
tt0111161	dv01	\$8
tt0111161	dv02	\$8
tt0111161	dv03	\$9
tt0111161	dv04	\$10
tt6751668	dv01	\$10
tt6751668	dv02	\$10
tt6751668	dv03	\$10
tt6751668	dv04	\$12
tt0816692	dv01	\$10
tt0816692	dv02	\$13
tt0816692	dv03	\$10
tt0816692	dv04	\$10

rental_info

rentalNumber (PK)	memberId (FK)	branchId (FK)	dvdCode (FK)	rentDate	returnDate	open_rentals (see notes)
r01	0101	dv01	DVD-1049-A7F	5/14/25	-	9
r02	0102	dv02	DVD-9021-V1C	6/6/25	-	9
r03	0103	dv03	DVD-5098-K8V	2/4/23	3/4/23	10
r04	0105	dv04	DVD-1324-J7Q	6/7/25	-	9

Note:

- Assume that all rental records are shown here, and the open_rentals should be a "self-triggerred" attribute (instead of manually updated) in reality.
- For a valid rental record, the member's branchId must match with that of the DVD copy.