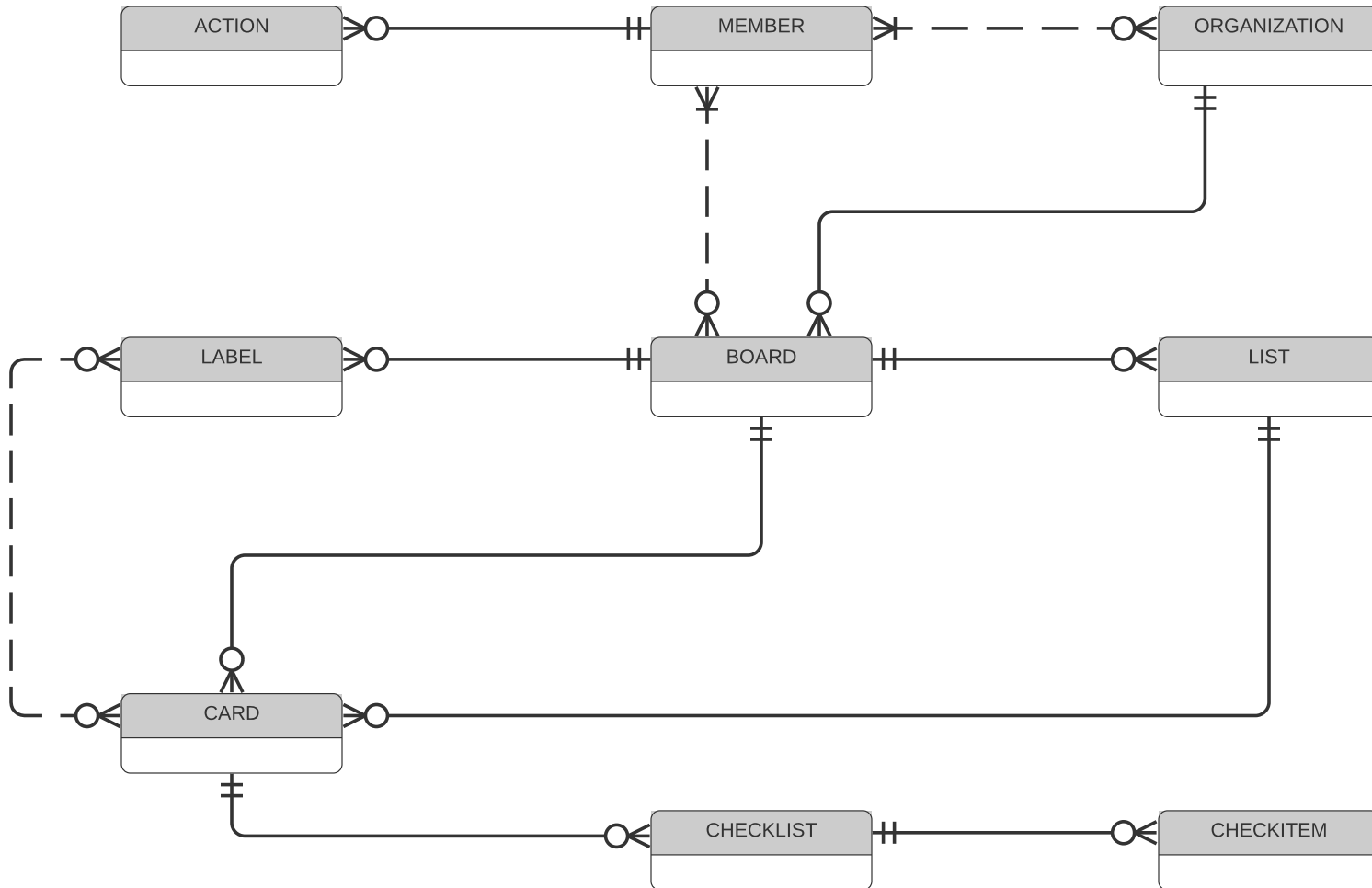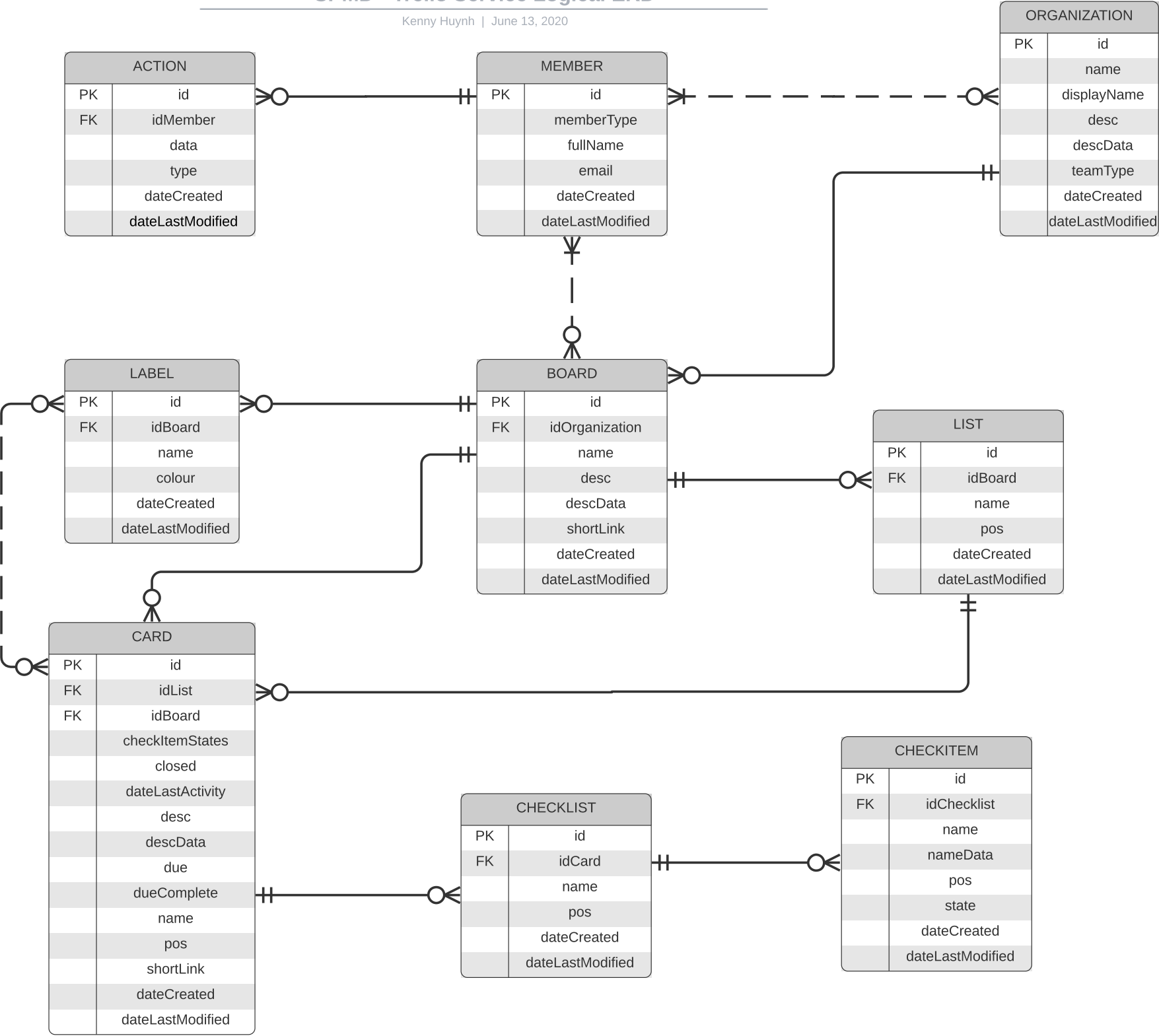# SPMD - Trello Service Conceptual ERD

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SPMD - Trello Service Logical ERD

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ACTION

PK	id
FK	idMember
	data
	type
	dateCreated
	dateLastModified

MEMBER

PK	id
	memberType
	fullName
	email
	dateCreated
	dateLastModified

ORGANIZATION

PK	id
	name
	displayName
	desc
	descData
	teamType
	dateCreated
	dateLastModified

LABEL

PK	id
FK	idBoard
	name
	colour
	dateCreated
	dateLastModified

BOARD

PK	id
FK	idOrganization
	name
	desc
	descData
	shortLink
	dateCreated
	dateLastModified

LIST

PK	id
FK	idBoard
	name
	pos
	dateCreated
	dateLastModified

CARD

PK	id
FK	idList
FK	idBoard
	checkItemStates
	closed
	dateLastActivity
	desc
	descData
	due
	dueComplete
	name
	pos
	shortLink
	dateCreated
	dateLastModified

CHECKLIST

PK	id
FK	idCard
	name
	pos
	dateCreated
	dateLastModified

CHECKITEM

PK	id
FK	idChecklist
	name
	nameData
	pos
	state
	dateCreated
	dateLastModified

SPMD - Trello Service Physical ERD

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ACTION

PK	id	varchar(32)
FK	idMember	varchar(32)
	type	varchar(36)
	data	json
	dateCreated	datetime
	dateLastModified	datetime

MEMBER

PK	id	varchar(32)
	memberType	varchar(45)
	fullName	varchar(100)
	email	varchar(100)
	dateCreated	datetime
	dateLastModified	datetime

ORGANIZATION_MEMBER

PK	id	varchar(32)
FK	idOrganization	varchar(32)
FK	idMember	varchar(32)
	dateCreated	datetime
	dateLastModified	datetime

ORGANIZATION

PK	id	varchar(32)
	name	varchar(100)
	displayName	varchar(100)
	desc	varchar(100)
	descData	json
	teamType	varchar(20)
	dateCreated	datetime
	dateLastModified	datetime

CARD_MEMBER

PK	id	varchar(32)
FK	idCard	varchar(32)
FK	idMember	varchar(32)
	dateCreated	datetime
	dateLastModified	datetime

BOARD_MEMBERSHIP

PK	id	varchar(32)
FK	idBoard	varchar(32)
FK	idMember	varchar(32)
	memberType	varchar(10)
	dateCreated	datetime
	dateLastModified	datetime

CARD_LABEL

PK	id	varchar(32)
FK	idCard	varchar(32)
FK	idLabel	varchar(32)
	dateCreated	datetime
	dateLastModified	datetime

BOARD

PK	id	varchar(32)
FK	idOrganization	varchar(32)
	name	varchar(100)
	desc	varchar(100)
	descData	json
	shortLink	varchar(15)
	dateCreated	dateTime
	dateLastModified	dateTime

LIST

PK	id	varchar(32)
FK	idBoard	varchar(32)
	name	varchar(100)
	pos	float
	dateCreated	datetime
	dateLastModified	datetime

CARD

PK	id	varchar(32)
FK	idList	varchar(32)
FK	idBoard	varchar(32)
	checkItemStates	json
	closed	tinyint
	dateLastActivity	datetime
	desc	varchar(100)
	descData	json
	due	datetime
	dueComplete	tinyint
	name	varchar(100)
	pos	float
	shortLink	varchar(15)
	dateCreated	datetime
	dateLastModified	datetime

LABEL

PK	id	varchar(32)
FK	idBoard	varchar(32)
	name	varchar(100)
	colour	varchar(20)
	dateCreated	datetime
	dateLastModified	datetime

CHECKLIST

PK	id	varchar(32)
FK	idCard	varchar(32)
	name	varchar(100)
	pos	float
	dateCreated	datetime
	dateLastModified	datetime

CHECKITEM

PK	id	varchar(32)
FK	idChecklist	varchar(32)
	name	varchar(100)
	nameData	json
	pos	float
	state	varchar(15)
	dateCreated	datetime
	dateLastModified	datetime