TECNOLÓGICO DE MONTERREY
Campus Querétaro

PROFESORES ENCARGADOS:
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Construcción de software y toma de decisiones

Caso de Estudio 4: Construcción de un MER completo

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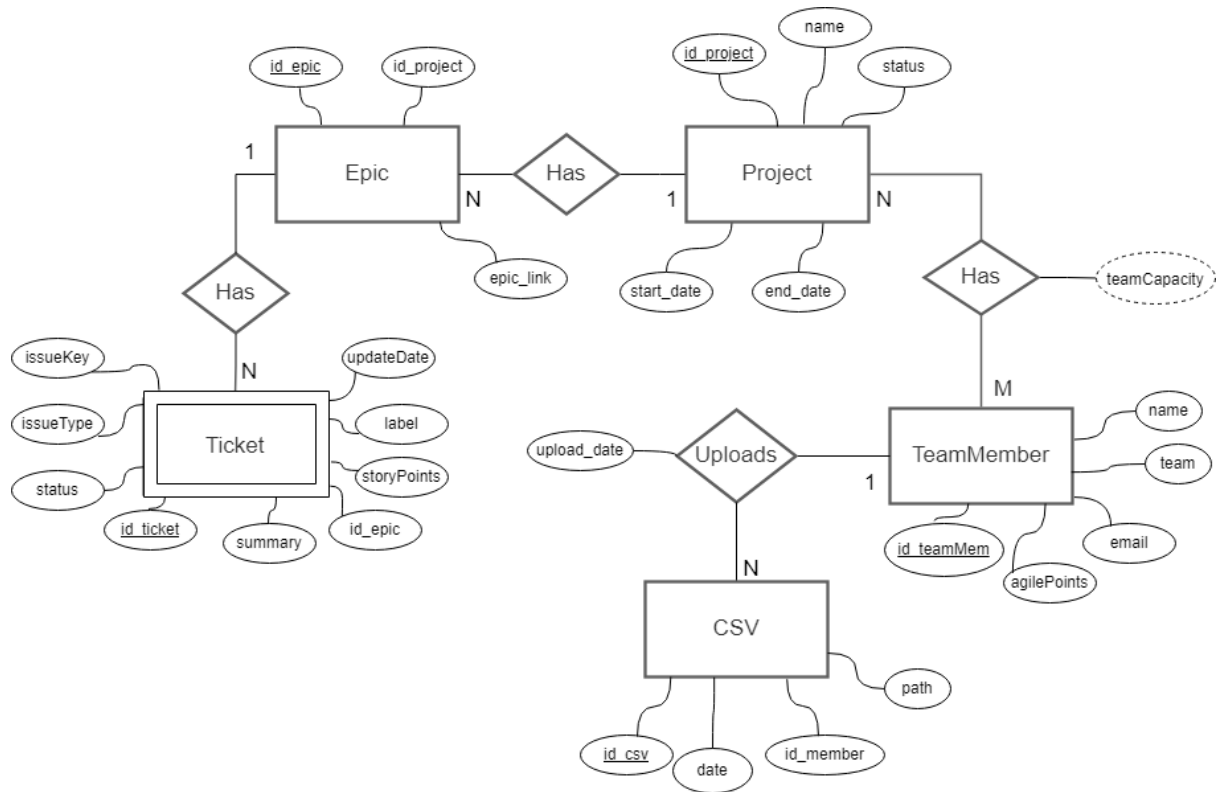Alejandra Cabrera Ruiz A01704463
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FECHA DE ENTREGA:
05/03/2023

Caso de estudio: Proyecto dispatch health

Modelo entidad relación

Diccionario de datos

Entity: Project

Field name	Description	Data type	Value examples
id_project	Numeric identifier	Unsigned integer	1 18231
name	Project name	Characters(100)	Care Request Re-Arch
status	Project status	Characters(20)	Deployed Droped
start_date	Date started	Date	2022-06-10
end_date	Date ended	Date	2022-06-10

Entity: Epic

Field name	Description	Data type	Value examples
id_epic	Numeric identifier	Unsigned integer	1 18231
epic_link	Jira identifier for epics	Characters(16)	NSE - 484

Entity: Ticket

Field name	Description	Data type	Value examples
id_ticket	Numeric identifier	Unsigned integer	1 18231
issueKey	Jira identifier for tickets	Characters(16)	PART - 287
summary	Ticket summary	Characters(255)	Create UI filter: by patient name
issueType	Type of work	Characters(10)	Task Story
storyPoints	How much effort will this ticket take	1byte integer	1-5
status	Fulfillment status	Characters(20)	To Do Code Review
updateDate	Date when the ticket was solved	Timestamp	2023-02-15 14:35:18
lables	Aditional labels	Characters(10)	part/Frontend

Entity: TeamMember

Field name	Description	Data type	Value examples
id_team_member	Numeric identifier	Unsigned integer	1 18231
name	Team member name	Characters(50)	Gabriel Patricia
team	The team where the member belongs	Characters(2)	BE FE
agile_points	How much work can the member do in a sprint	1byte integer	1-5
email	Member email	Characters(255)	someone@dispatchhealth.com

Entity: CSV

Field name	Description	Data type	Value examples
id_csv	Numeric identifier	Unsigned integer	1 18231
path	Relative path where the file is stored	Text	./static/overview.csv
upload_date	Date when the file was uploaded	Timestamp	2023-02-15 14:35:18

Modelo Relacional

ticket

id_ticket	int
id_epic	int
issueKey	varchar
summary	text
issueType	varchar
storyPonts	int
status	varchar
label	varchar
updateDate	date

epic

id_epic	int
id_project	int
epic_link	varchar

project

id_project	int
name	varchar
status	varchar
start_date	date
end_date	date

csv

id_csv	int
id_member	int
id_sprint	int
path	varchar
upload_date	date

project_teamMember

id_project	int
id_member	int

teamMember

id_team_member	int
email	varcahr
name	varchar
team	varchar
agilePoints	int