Tema Proiect 1 Constantin Ioan
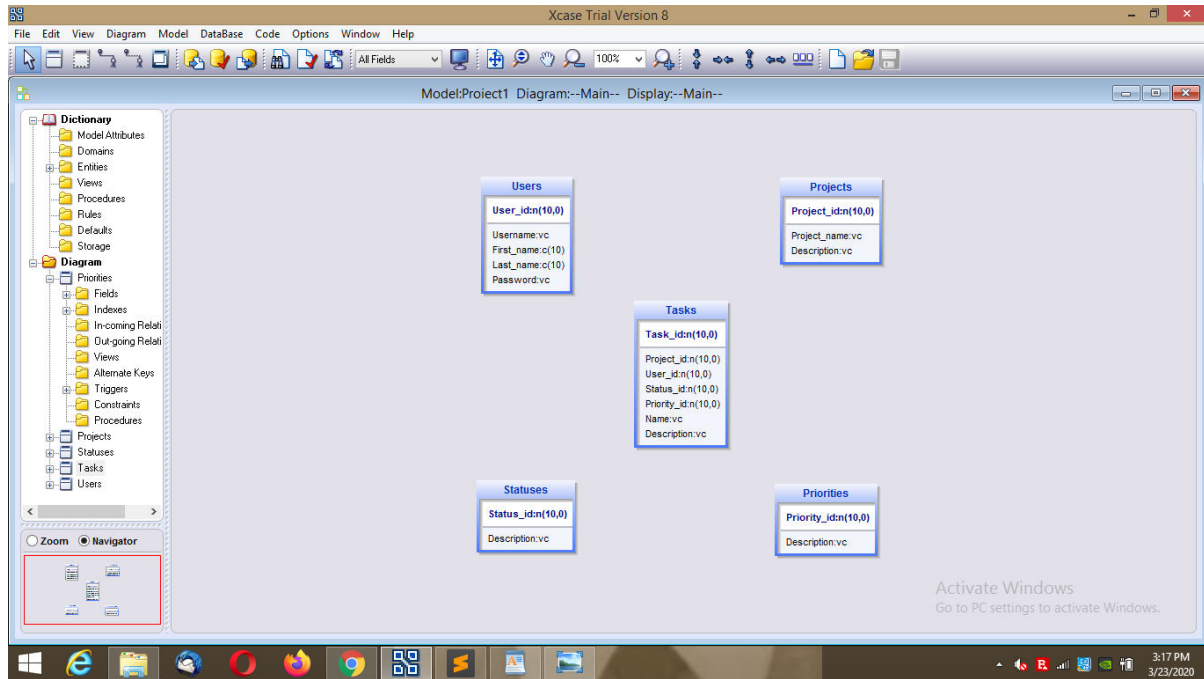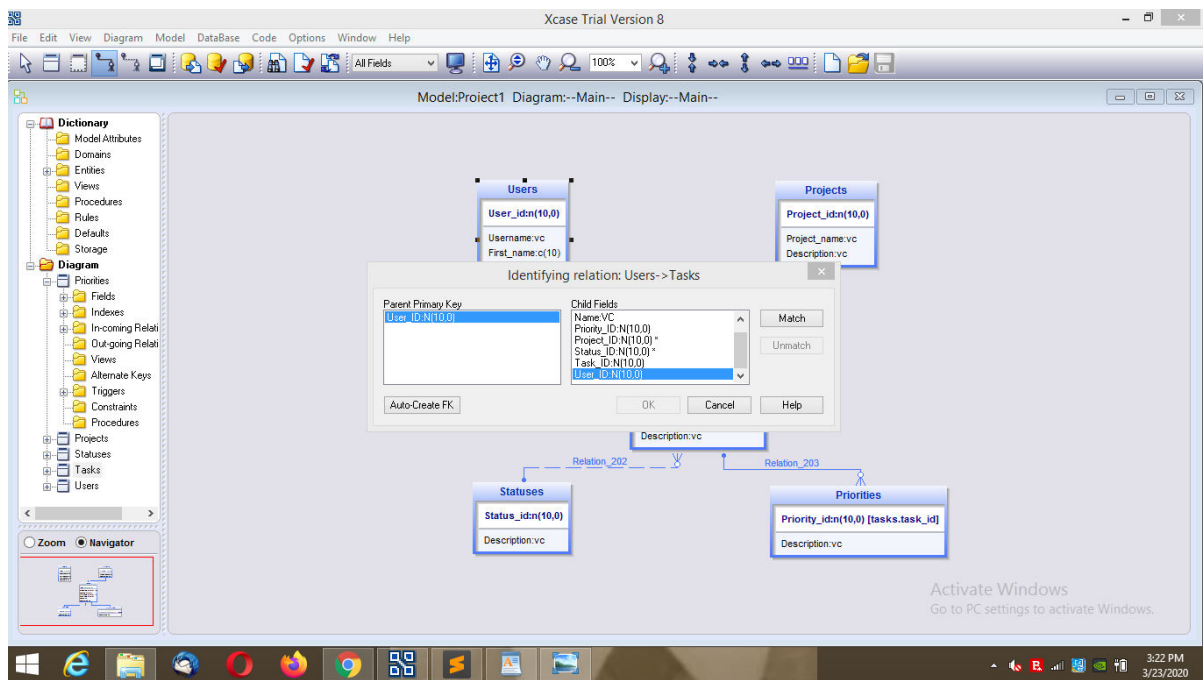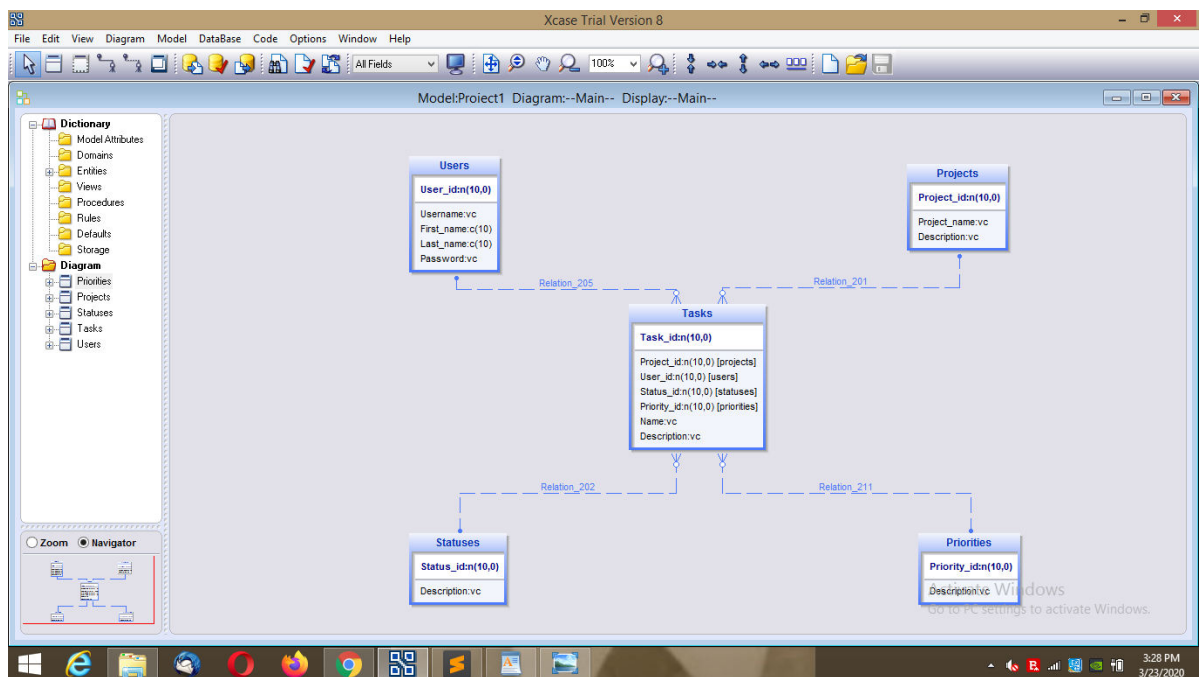
Se creeaza cele 5 tabele (versiunea XCase Trial nu permite mai mult de 5 tabele), se adauga atributele si se stabilesc cheile primare pentru toate tabelele:
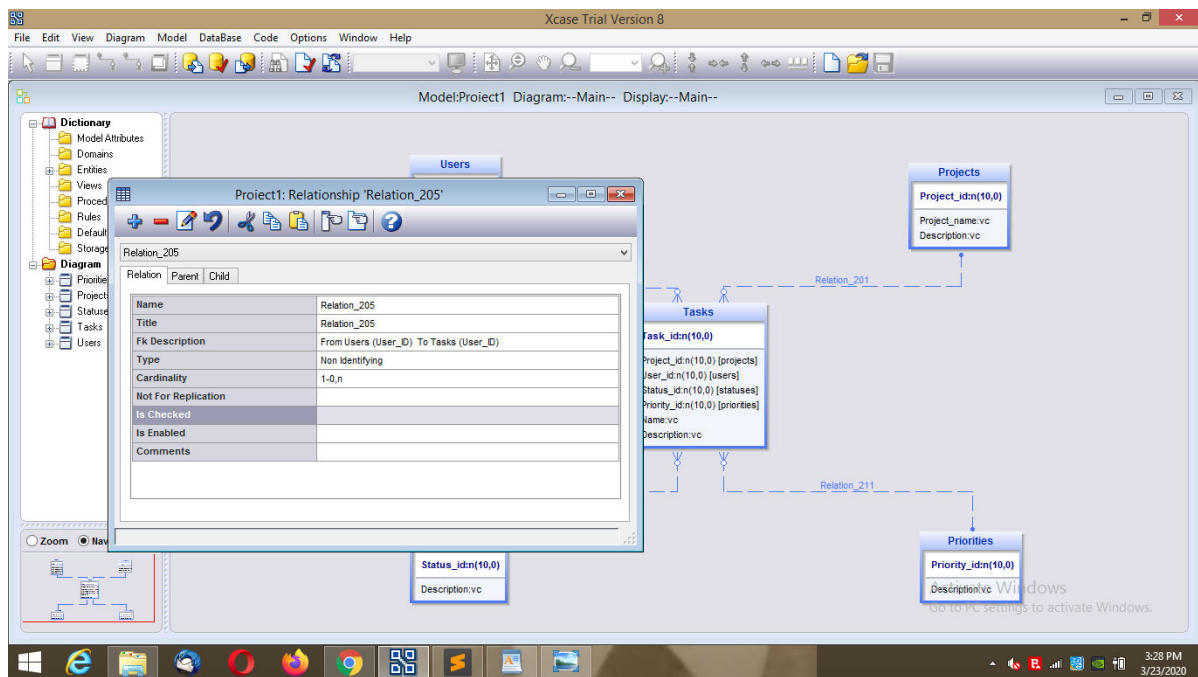

Pentru prima relatie dintre 2 tabele cheia primara User_ID din tabela Users va fi cheie straina in tabela Tasks (analog cheia primara Project_ID din Projects va fi cheie straina in Tasks, cheia primara Priority_ID din Priorities va fi cheie straina in Tasks si cheia primara Status_ID din Statuses va fi cheie straina in Tasks). Selectam File -> Add -> Identifying relationship si ne apare fereastra urmatoare in care selectam User_ID si dam match:

Dupa adaugarea acestor 4 relatii diagrama va arata in felul urmator:

Daca vrem sa aflam detalii despre relatia dintre tabelele Users si Tasks dam dublu click pe relatie:

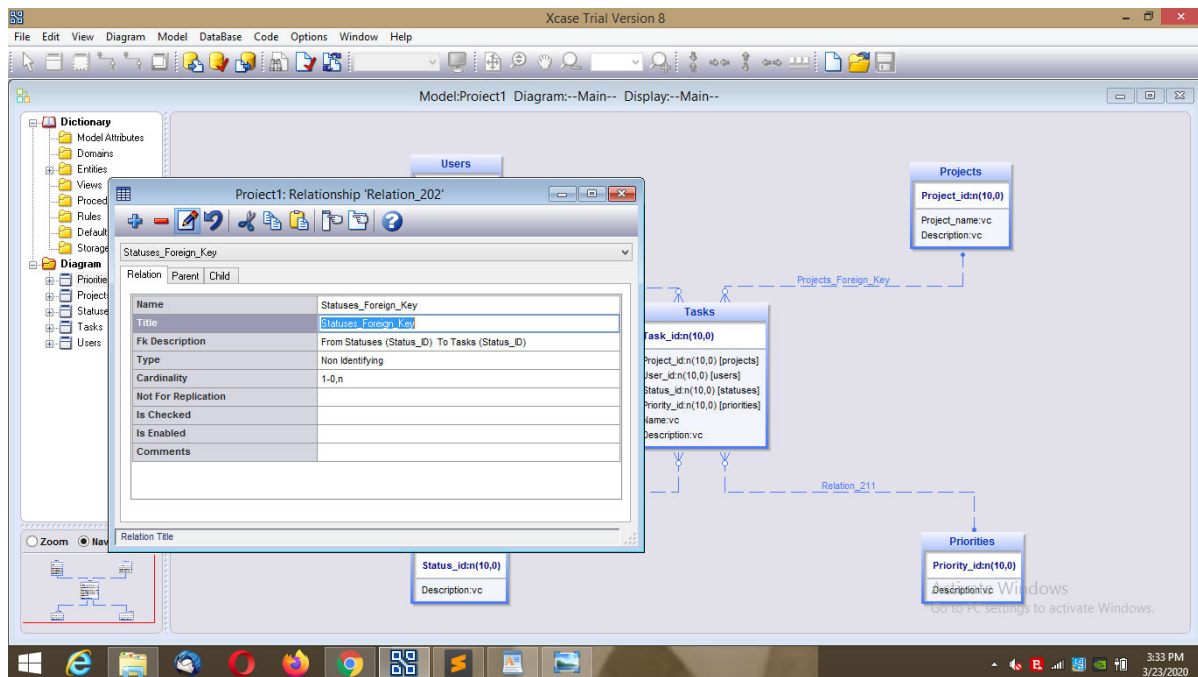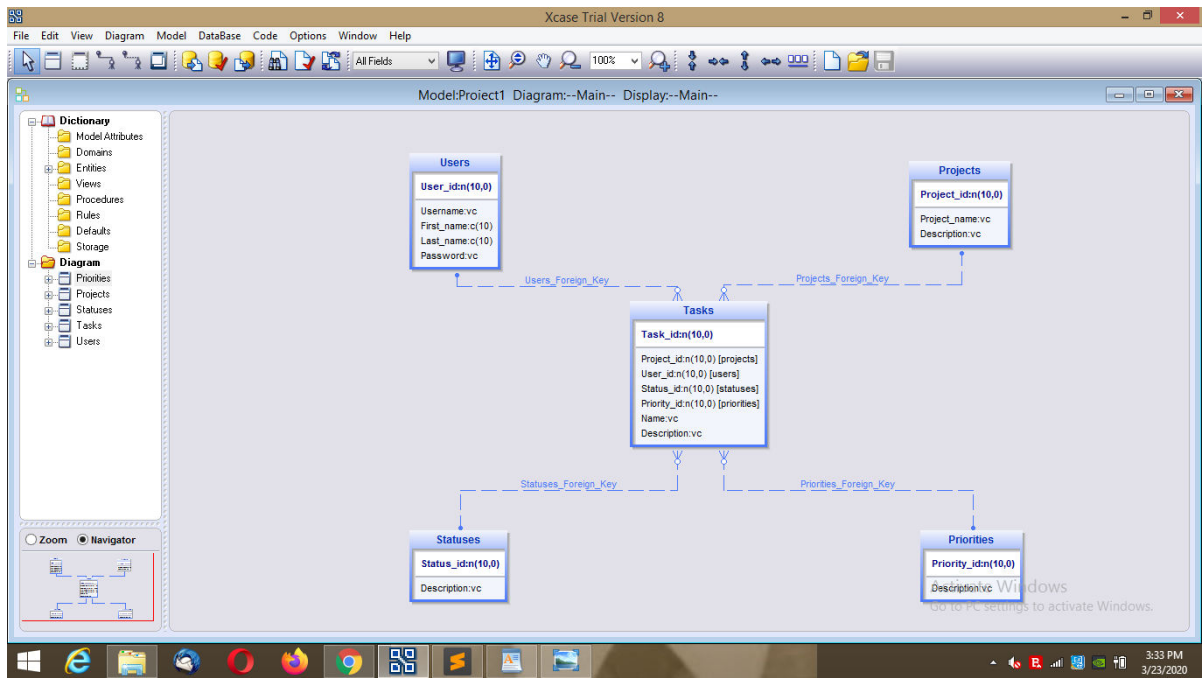Dorim sa schimbam numele fiecarei relatii pentru a pune nume sugestive:

Diagrama finala a bazei de date arata in felul urmator:

Putem vedea accesand Dictionary -> Fields toate campurile tuturor tabelelor (in dreptul fiecarui camp este specificat tabela din care face parte) din baza de date si putem vedea care dintre ele este cheie primara intr-un anumit tabel si cheie straina intr-un anumit tabel:

#	Entity->Owner / Schema	Entity->Name	Name	Title	PK	FK	Domain	Type	Len	Dec	Allow Null	Counter	Seed	
1		Tasks	Task_ID	Task_ID	✔		numeric(,)	NUMERIC	10	0				1
2		Tasks	Project_ID	Project_ID		✔	numeric(,)	NUMERIC	10	0	✔			1
3		Tasks	User_ID	User_ID		✔	numeric(,)	NUMERIC	10	0	✔			1
4		Tasks	Status_ID	Status_ID		✔	numeric(,)	NUMERIC	10	0	✔			1
5		Tasks	Priority_ID	Priority_ID		✔	numeric(,)	NUMERIC	10	0	✔			1
6		Tasks	Name	Name			varchar(max)	VARCHAR(MAX)			✔			1
7		Tasks	Description	Description			varchar(max)	VARCHAR(MAX)			✔			1
1		Projects	Project_ID	Project_ID	✔		numeric(,)	NUMERIC	10	0				1
2		Projects	Project_Name	Project_Name			varchar(max)	VARCHAR(MAX)			✔			1
3		Projects	Description	Description			varchar(max)	VARCHAR(MAX)			✔			1
1		Users	User_ID	User_ID	✔		numeric(,)	NUMERIC	10	0				1
2		Users	Username	Username			varchar(max)	VARCHAR(MAX)			✔			1
3		Users	First_Name	First_Name			char(*)	CHAR	10		✔			1
4		Users	Last_Name	Last_Name			char(*)	CHAR	10		✔			1
5		Users	Password	Password			varchar(max)	VARCHAR(MAX)			✔			1
1		Statuses	Status_ID	Status_ID	✔		numeric(,)	NUMERIC	10	0				1
2		Statuses	Description	Description			varchar(max)	VARCHAR(MAX)			✔			1
1		Priorities	Priority_ID	Priority_ID	✔		numeric(,)	NUMERIC	10	0				1
2		Priorities	Description	Description			varchar(max)	VARCHAR(MAX)			✔			1