Size:
The database is the size that it is because accurately portraying a real hospital database would not only take an exorbitant amount of time to enter into the database. Additionally due to the nature of free software, it becomes limited on computing power allowed which can result in long look up times if you say have 100,000 patients. With this in mind, our group took some liberties in sizes of tables, in reality it would be very possible to have 25 different wards per hospital with hundreds of rooms per wards and thousands of patients per ward, however because of the reasons mentioned previously we decided to limit the amount of data in the database.

Name	Rows	Size	Created	Updated	Engine	Comment	Type
ailed_by	5,981	496.0 KiB	2023-04-24 17:04:29	2023-04-24 17:04:58	InnoDB		Table
cares_for	5,000	464.0 KiB	2023-04-24 17:04:30	2023-04-24 17:06:11	InnoDB		Table
condition	195	48.0 KiB	2023-04-24 17:04:29	2023-04-24 17:04:36	InnoDB		Table
employee	9,765	2.1 MiB	2023-04-24 17:04:30	2023-04-24 17:05:41	InnoDB		Table
hospital	200	48.0 KiB	2023-04-24 17:04:29	2023-04-24 17:04:31	InnoDB		Table
insurance_poli...	200	16.0 KiB	2023-04-24 17:04:29	2023-04-24 17:04:38	InnoDB		Table
medical_perso...	5,000	784.0 KiB	2023-04-24 17:04:30	2023-04-24 17:06:01	InnoDB		Table
operational_st...	4,786	1.6 MiB	2023-04-24 17:04:30	2023-04-24 17:05:51	InnoDB		Table
patient	4,000	752.0 KiB	2023-04-24 17:04:29	2023-04-24 17:04:46	InnoDB		Table
room	2,000	176.0 KiB	2023-04-24 17:04:29	2023-04-24 17:04:36	InnoDB		Table
treated_by	502	112.0 KiB	2023-04-24 17:04:29	2023-04-24 17:04:38	InnoDB		Table
treatment	319	48.0 KiB	2023-04-24 17:04:29	2023-04-24 17:04:37	InnoDB		Table
visitor	200	32.0 KiB	2023-04-24 17:04:30	2023-04-24 17:04:59	InnoDB		Table
ward	400	64.0 KiB	2023-04-24 17:04:29	2023-04-24 17:04:32	InnoDB		Table

Data Generation: Data generation was orchestrated via one large SQL query file which was generated via python with the help of Mockaroo and ChatGPT.
The corresponding python script and various corpuses can be found in the attached zipped file.