



Database

Adding Foreign Key Constraints to the HR System Database

After implementing the HR System Database (HR), the next step is to enforce referential integrity by adding **foreign key constraints** to the appropriate tables as we add them on **ERD** and on **Relational Schema**.

You may choose to add the foreign keys using the **ALTER** command, or you can **recreate** the tables then insert meaningful data from the real-world scenario.

Please submit your code on txt file and take a screenshot from designer in phpMyAdmin.

The screenshot shows the phpMyAdmin interface for a database named 'hr'. The left sidebar shows the database structure with 'hr' selected. The main panel displays a table list with the following data:

Table	Action	Rows	Type	Collation	Size	Overhead
departments	Browse Structure Search Insert Empty Drop	3	InnoDB	utf8mb4_general_ci	16.0 KiB	-
employees	Browse Structure Search Insert Empty Drop	1	InnoDB	utf8mb4_general_ci	16.0 KiB	-
2 tables	Sum	4	InnoDB	utf8mb4_general_ci	32.0 KiB	0 B

The 'More' menu is open, showing 'Triggers' and 'Designer' options. The 'Create new table' form is visible at the bottom, with 'Table name' and 'Number of columns' fields.