Assignment 1 IDS

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1. One webserver and one database: restaurant menu, the menu items is the database the server displays what’s in the database
2. One database multiple webserver: research database, the research articles are the elements of the database, main webpage displays the list of articles, the content of each article is displayed on a separate page but retrieved from the database
3. Multiple database and webservers: social networking website (similar to Instagram), chats have their own chat database, personal page has its own webpage, and the personal posts database is displayed, suggestions are posts of all public accounts in a suggested database
4. SPA: game, similar to chrome dino
5. Multipage application: online shop website, list is too long to be displayed on one page, a number of elements is displayed In each page
6. Microservice architecture: toters, UberEATS, the website is linked to other main websites for ordering food. Each of these websites consists of smaller webpages and databases ( for menu, orders, offers, etc.)
7. Serverless architectures: uploading posts
8. PWA: a website that can be downloaded and used like an application (ex: Ali express)