Basic Services Demo

# CRUD

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| --- | --- | --- | --- |
| **Operation** | **SQL** | **HTTP** | **DDS** |
| Create | [INSERT](https://en.wikipedia.org/wiki/Insert_(SQL)) | [PUT](https://en.wikipedia.org/wiki/PUT_(HTTP)) / [POST](https://en.wikipedia.org/wiki/POST_(HTTP)) | write |
| Read (Retrieve) | [SELECT](https://en.wikipedia.org/wiki/Select_(SQL)) | [GET](https://en.wikipedia.org/wiki/GET_(HTTP)) | read / take |
| Update (Modify) | [UPDATE](https://en.wikipedia.org/wiki/Update_(SQL)) | [PUT](https://en.wikipedia.org/wiki/PUT_(HTTP)) / [POST](https://en.wikipedia.org/wiki/POST_(HTTP)) / [PATCH](https://en.wikipedia.org/wiki/PATCH_(HTTP)) | write |
| Delete (Destroy) | [DELETE](https://en.wikipedia.org/wiki/Delete_(SQL)) | [DELETE](https://en.wikipedia.org/wiki/DELETE_(HTTP)) | dispose |

Ref: <https://en.wikipedia.org/wiki/Create,_read,_update_and_delete>

# Code Setup

XAMPP: [Download](https://www.apachefriends.org/download.html) and install

Run the following script in PHPMyAdmin:   
\_create\_db.txt

Copy the “crud\_web” folder in “htdocs” folder of XAMPP

Visit <http://localhost/crud_web>

# Assignment

Students should be able to write basic services using CRUD.