

Résumé

En résumé, la classe Modèle pour une table d'une Base de Données sera de la forme :

```
class MNom_table

{

    private $conn;

    private $primary_key;

    private $value;

    public function __construct($ _primary_key = null)

    {

        $this->conn = new PDO(DATABASE, LOGIN, PASSWORD);

        $this->primary_key = $ _primary_key;

    } // __construct($ _primary_key = null)

    public function __destruct() {}

    public function SetValue($ _value)

    {

        $this->value = $ _value;

    } // SetValue($ _value)

    public function SelectAll()

    {

        $query = 'select PRIMARY_KEY,

                    ATTRIBUT_1,

                    ...,

                    ATTRIBUT_N

                from Nom_table';

        $result = $this->conn->prepare($query);

        $result->execute() or die ($this->ErrorSQL($result));

        return $result->fetchAll();

    } // SelectAll()

    public function Select()

    {

        $query = "select PRIMARY_KEY,

                    ATTRIBUT_1,

                    ...,

                    ATTRIBUT_N

                from Nom_table

                where PRIMARY_KEY = $this->primary_key";

        $result = $this->conn->prepare($query);

        $result->execute() or die ($this->ErrorSQL($result));

        return $result->fetch();

    } // Select()

    public function Modify($ _type)

    {

        switch ($ _type)

        {

            case 'insert' : return $this->Insert();

            case 'update' : return $this->Update();

            case 'delete' : return $this->Delete();

        }

    } // Modify($ _type)

    private function Insert()

    {

        $ATTRIBUT_1 = $this->value['ATTRIBUT_1'];

        ...

        $ATTRIBUT_N = $this->value['ATTRIBUT_N'];

        $query = "insert into Nom_table

                    (ATTRIBUT_1,

                    ...,

                    ATTRIBUT_N)

                values

                    ('$ATTRIBUT_1',

                    ...,

                    '$ATTRIBUT_N')";

        $result = $this->conn->prepare($query);

        $result->execute() or die ($this->ErrorSQL($result));

        $this->primary_key = $this->conn->lastInsertId();

        $this->value['PRIMARY_KEY'] = $this->primary_key;

        return $this->value;

    } // Insert()

    private function Update()

    {

        $ATTRIBUT_1 = $this->value['ATTRIBUT_1'];

        ...

        $ATTRIBUT_N = $this->value['ATTRIBUT_N'];

        $query = "update Nom_table

                    set ATTRIBUT_1 = '$ATTRIBUT_1',

                    ...,

                    ATTRIBUT_N = '$ATTRIBUT_N'

                where PRIMARY_KEY = $this->primary_key";

        $result = $this->conn->prepare($query);

        $result->execute() or die ($this->ErrorSQL($result));

        $this->value['PRIMARY_KEY'] = $this->primary_key;

        return $this->value;

    } // Update()

    private function Delete()

    {

        $query = "delete from Nom_table

                    where PRIMARY_KEY = $this->primary_key";

        $result = $this->conn->prepare($query);

        $result->execute() or die ($this->ErrorSQL($result));

        return;

    } // Delete()

    private function ErrorSQL($result)

    {

        if (!DEBUG) return;

    }

}
```

```
    $error = $result->errorInfo());

    debug($error);

    return;

} // ErrorSQL($result)

} // MNom_table
```



Lors du cours sur la sécurité, nous compléteront cette classe modèle en prenant en compte les éléments concernant cette dernière.

