

1) Start a New Project:-

- * start KiCad then click on file menu item & select New Project.
- i) Start KiCad & create a new project.
Create new dictionary named NRF24-b3cadout.
- ii) Create a new dictionary to hold the project files
click on the save button finish the procedure.
- iii) Your New project
→ create new project in KiCad is to create the schematic with & schema. In Editor we click on the first button from the left.
- iv) Start Eshence
- v) The Black canvas in Eshence.
used for planning, which allows you to move around the canvas by clicking it left button while the command key is on hold.
- vi) The hot keys list.
- vii) useful buttons in the left toolbar.

Footprints placement:-

- our project is now at the stage where two footprints that compose our PCB are spread out in the place canvas.
- silkscreen & copper pour was also learnt
It's used in outline and text are drawn on the copper layer, they are electrically conductive



1) Connecting to mysql & to DB

```
$hostname = "localhost";
```

```
$username = "root";
```

```
$password = " ";
```

```
$databasename = "alpha cm"
```

```
$dbconnected = mysql_connect ($hostname, $username, $password)
```

```
$dbselected = mysql_select_db ($databasename, $dbconnected)
```

* Create mysql database & users:-

→ login in mysql as the root user.

→ password & enter.

→ Create database user & Replace the username & password.

→ Type lg to exit the mysql program.

→ to login command are used which was done in step 3.

→ To work with new database command is followed.

→ we can work with database, so we should create a basic table.

* Create tables using mysql

There are two main ways of creating table in mysql

→ Executing a query that includes a CREATE TABLE Statement

→ using the corresponding functionality of mysql related tools & IDEs.

* Inserting a data in mysql

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