

How to create custom table in Magento2 Module?

This post will be helpful to create a custom mysql table in magento2 module. For creating custom table in magento2 we will use InstallSchema.php and for adding an extra column in magento 2 tables we will use UpgradeSchema.php. Magento2, mysql file should be inside Setup folder under module.

Following is the example of custom table creation. I am going to create a custom table called custom_table.

Use Below code to create a custom table. Create a file called InstallSchema.php in setup folder of module i.e. (app/code/vendor/modulename/Setup/installschema.php). And Use following Code.

```
?php
namespace vendor\modulename\Setup;
use Magento\Framework\DB\Ddl\Table as Table;
use Magento\Framework\Setup\InstallSchemaInterface;
use Magento\Framework\Setup\ModuleContextInterface;
use Magento\Framework\Setup\SchemaSetupInterface;
/**
 * Class InstallSchema
 * @package Eecom\Reservation\Setup
 */
class InstallSchema implements InstallSchemaInterface
{
    public function install(SchemaSetupInterface $setup,
ModuleContextInterface $context)
    {
        $setup->startSetup();
        /**
         * insert new table
         */
        $installer = $setup;
        /**
         * Create table 'custom_table'
         */
    }
}
```

```

                                                    $table =
$installer->getConnection()->newTable($installer->getTable('cu
stom_table'))
    ->addColumn(
        'id',
        Table::TYPE_INTEGER,
        null,
        ['identity' => true, 'unsigned' => true,
'nullable' => false, 'primary' => true],
        'ID'
    )
    ->addColumn(
        'customer_id',
        Table::TYPE_INTEGER,
        null,
        ['unsigned' => true, 'nullable' => false],
        'Customer ID'
    )
    ->addColumn(
        'customer_email',
        Table::TYPE_TEXT,
        255,
        [],
        'Customer Email'
    )
    ->setComment('Custom Table');

$installer->getConnection()->createTable($table);
    $setup->endSetup();
}
}

```

In above code you can change tableName according to your need and can add more columns.

If you are having any doubts, feel free to contact us at sales@envisionecommerce.com . However, if you do have any additional tips or method on this “How to”, you can suggest them in the comment section below.

Stay tuned for more “[How to](#)” blog on [Magento 2](#). Till then Happy Magento 2 Coding!