

Q1. Create a Custom Entity having the following fields :

- Name
- Email
- Contact number

Ans::

Normal file look like

➤ **Assignclass list**
List Assignclass entities

Normal file look like ::

[Home](#) » [Administration](#) » [Structure](#) » [Newclass entities](#)

Name *

The name of the Newclass entity.

☒ **Published**

A boolean indicating whether the Newclass is published.

Save

Use file

/var/www/recipes.com/modules/custom/assign/srs/Entity/Assignclass.php

Here **assign** is custom module

Assignclass.php is file with which contain visual data and process that data

Paste these code into Assignclass.php

```

    $fields['Email'] = BaseFieldDefinition::create('string')
->setLabel(t('Email'))
->setDescription(t('The Email of the Assignclass entity.'))
->setSettings([
    'max_length' => 50,
    'text_processing' => 0,
])
->setDefaultValue('')
->setDisplayOptions('view', [
    'label' => 'above',
    'type' => 'string',
    'weight' => -4,
])
->setDisplayOptions('form', [
    'type' => 'string_textfield',
    'weight' => -4,
])
->setDisplayConfigurable('form', TRUE)
->setDisplayConfigurable('view', TRUE)
->setRequired(TRUE);

```

```

    // entering Contact
    $fields['Contact'] = BaseFieldDefinition::create('integer')
->setLabel(t('Contact'))
->setDescription(t('The name of the Assignclass entity.'))
->setSettings([
    'max_length' => 10,
    'text_processing' => 0,
])
->setDefaultValue('')
->setDisplayOptions('view', [
    'label' => 'above',
    'type' => 'string',
    'weight' => -4,
])
->setDisplayOptions('form', [
    'type' => 'string_textfield',
    'weight' => -4,
])
->setDisplayConfigurable('form', TRUE)
->setDisplayConfigurable('view', TRUE)
->setRequired(TRUE);

$fields['status']->setDescription(t('A boolean indicating whether the Assignclass is published.'))
->setDisplayOptions('form', [
    'type' => 'boolean_checkbox',
    'weight' => -3,
]);

```

Activities Google Chrome Thu 14:22

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Name *

Mohd Usama

The name of the Assignclass entity.

Email *

usamamohd936@gmail.com

The Email of the Assignclass entity.

Contact *

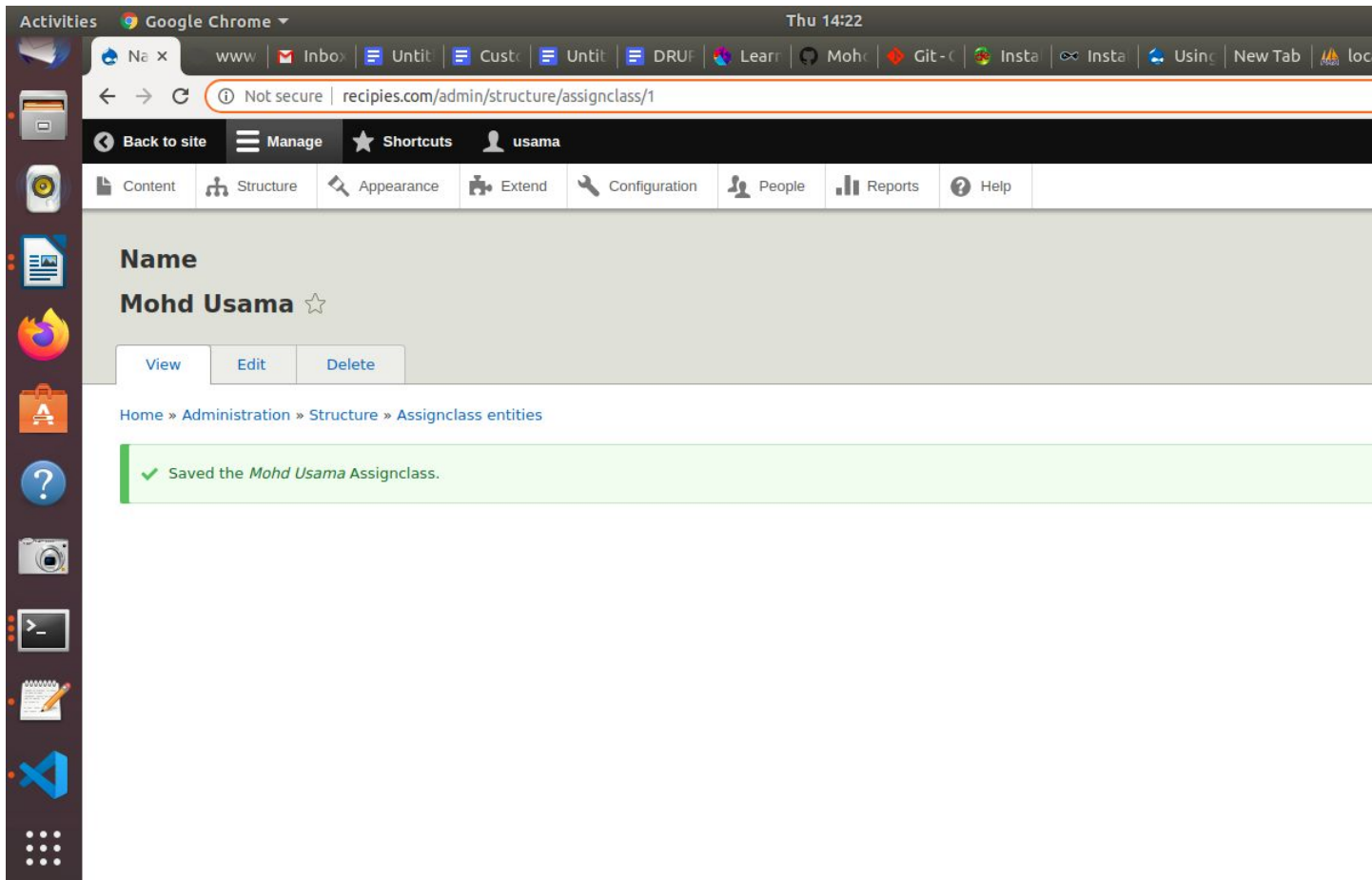
9898765438

The name of the Assignclass entity.

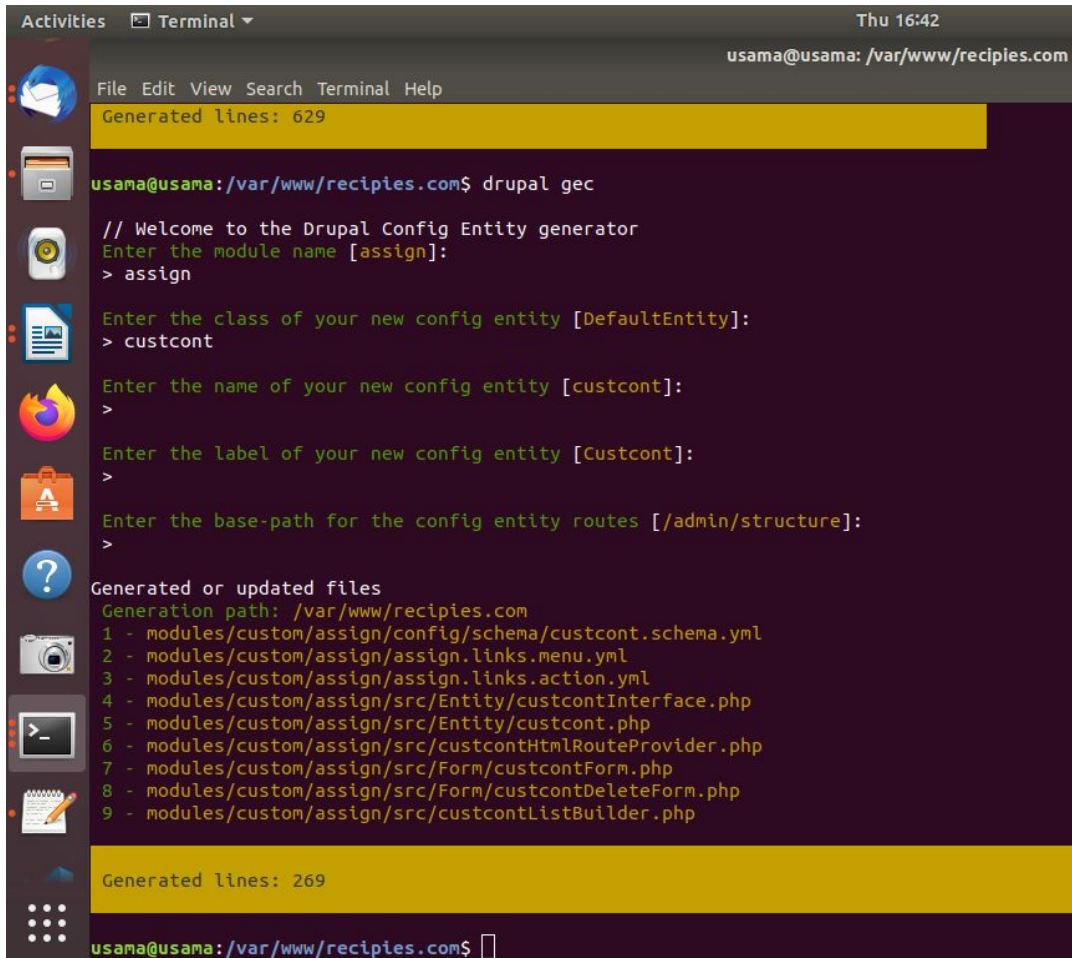
☒ Published

A boolean indicating whether the Assignclass is published.

[Save](#) [Delete](#)



Q2. Create a Config Entity to store diff slots for customers.



A terminal window titled "Terminal" showing the execution of the Drupal Config Entity Generator. The window has a dark background with a sidebar on the left containing various application icons. The terminal output shows the user running the command `drupal gec` and following the prompts to create a new config entity named `custcont` in the `assign` module. The generator lists the files it has created or updated, including schema files, menu links, and PHP classes for the entity and its forms. The terminal ends with a prompt for the user to run another command.

```
Activities Terminal Thu 16:42
usama@usama: /var/www/recipes.com

File Edit View Search Terminal Help
Generated lines: 629

usama@usama:/var/www/recipes.com$ drupal gec

// Welcome to the Drupal Config Entity generator
Enter the module name [assign]:
> assign

Enter the class of your new config entity [DefaultEntity]:
> custcont

Enter the name of your new config entity [custcont]:
>

Enter the label of your new config entity [Custcont]:
>

Enter the base-path for the config entity routes [/admin/structure]:
>

Generated or updated files
Generation path: /var/www/recipes.com
1 - modules/custom/assign/config/schema/custcont.schema.yml
2 - modules/custom/assign/assign.links.menu.yml
3 - modules/custom/assign/assign.links.action.yml
4 - modules/custom/assign/src/Entity/custcontInterface.php
5 - modules/custom/assign/src/Entity/custcont.php
6 - modules/custom/assign/src/custcontHtmlRouteProvider.php
7 - modules/custom/assign/src/Form/custcontForm.php
8 - modules/custom/assign/src/Form/custcontDeleteForm.php
9 - modules/custom/assign/src/custcontListBuilder.php

Generated lines: 269

usama@usama:/var/www/recipes.com$
```

Add this code in /var/www/recipies.com/module/custom/assign/src/For/custconForm.php

```
$form['timeslot'] = [
  '#type' => 'select',
  '#options'=>[1=>'Time slot -1 (9:00 Am - 11:00 Am)',2=>'Time slot - 2( 11:00 Am - 2:00 pm)',3=>'Time slot -3 (2:00 pm - 5:00 pm)'],
  '#title' => 'Timeslot',
  // '#default_value' => $detailcustomer->timeslot(),
  // '#machine_name' => [
  //   'exists' => '\Drupal\seecont\Entity\detailcustomer::load',
  // ],
  // '#disabled' => !$detailcustomer->isNew(),
];

/* You will need additional form elements for your custom properties. */

return $form;
}
```

Add this code in /var/www/recipies.com/module/custom/assign/config/schema/costcont.schema.yml

```
- timeslot:
  type: string
  label: 'Timeslot'
```

Output::

Activities

Google Chrome

Thu 16:50

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Add custcont ☆

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Label *

Label for the Custcont.

Timeslot

Time slot -1 (9:00 Am - 11:00 Am) ▾

Save