

WEEK – 11

Aim: Django Project Dictionary App

Code:

Main file: Dictionary

apps.py:

```
from django.apps import AppConfig

class DictionaryConfig(AppConfig):
    name = 'dictionary'
```

urls.py:

```
from django.urls import path
from . import views

urlpatterns = [
    path('', views.index, name='index'),
    path('word', views.word, name='word')
]
```

views.py:

```
from django.shortcuts import render
from PyDictionary import PyDictionary

# Create your views here.
def index(request):
    return render(request, 'index.html')

def word(request):
    search = request.GET.get('search')
```

```
dictionary = PyDictionary()
meaning = dictionary.meaning(search)
synonyms = dictionary.synonym(search)
antonyms = dictionary.antonym(search)
context = {
    'meaning': meaning['Noun'][0],
    'synonyms': synonyms,
    'antonyms': antonyms
}
return render(request, 'word.html', context)
```

ENGLISH DICTIONARY:

Urls.py:

```
from django.contrib import admin
from django.urls import path, include

urlpatterns = [
    path('admin/', admin.site.urls),
    path('', include('dictionary.urls'))]
```

OUTPUTS:

computer



Input Your Word Here



Meaning: the occurrence of a change for the worse

Synonyms:

Antonyms:



Meaning: an Indo-European language belonging to the West Germanic branch; a language spoken in Britain and the United States and most of the commonwealth countries

Synonyms: King's English, Old English, geordie, Scots English, English language, Queen's English, American English, American language, Middle English, Modern English, cockney, Anglo-Saxon, West Germanic language, Oxford English, American, Scottish, Received Pronunciation, Scots, West Germanic,

Antonyms: natural depression, ascent, descent, front, leeward,