

# Project Documentation

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File: `manage.py`

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## Functions

`main()` (Line 7)

Run administrative tasks.

File: `asgi.py`

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File: `settings.py`

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File: `urls.py`

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File: `wsgi.py`

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File: `__init__.py`

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File: `admin.py`

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File: `apps.py`

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## Classes

`DocumentationConfig` (Line 4)

No docstring

File: `forms.py`

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## Classes

`SearchForm` (Line 4)

No docstring

File: `generators.py`

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## Classes

### DocumentationGenerator (Line 9)

No docstring

**Methods:** - `__init__(self)`

*Line 10: No docstring*

- `generate(self, parsed_data, format)`

*Line 14: No docstring*

- `_generate_markdown(self, parsed_data)`

*Line 24: No docstring*

- `_generate_html(self, parsed_data)`

*Line 47: No docstring*

- `_generate_pdf(self, parsed_data)`

*Line 54: No docstring*

## File: models.py

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## Classes

### Project (Line 3)

No docstring

**Methods:** - `__str__(self)`

*Line 9: No docstring*

### Documentation (Line 12)

No docstring

**Methods:** - `__str__(self)`

*Line 28: No docstring*

### Meta (Line 25)

No docstring

## File: parsers.py

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## Classes

### CodeParser (Line 5)

No docstring

**Methods:** - `__init__(self)`

*Line 6: No docstring*

- `parse_file(self, file_path)`  
*Line 10: No docstring*
- `_parse_arguments(self, arguments)`  
*Line 48: No docstring*
- `parse_directory(self, root_dir)`  
*Line 76: No docstring*

## File: serializers.py

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### Classes

#### **ProjectSerializer (Line 4)**

No docstring

#### **DocumentationSerializer (Line 9)**

No docstring

#### **Meta (Line 5)**

No docstring

#### **Meta (Line 10)**

No docstring

## File: tests.py

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## File: urls.py

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## File: views.py

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### Classes

#### **HomeView (Line 16)**

No docstring

**Methods:** - `get_context_data(self)`  
*Line 18: No docstring*

#### **ProjectDetailView (Line 36)**

No docstring

**Methods:** - `get_context_data(self)`  
*Line 40: No docstring*

### ProjectViewSet (Line 46)

No docstring

### GenerateDocsView (Line 50)

No docstring

**Methods:** - `get(self, request)`

*Line 53: No docstring*

### ExportDocumentationView (Line 80)

No docstring

**Methods:** - `get(self, request)`

*Line 81: No docstring*

- `_serve_pdf(self, documentation)`

*Line 112: No docstring*

- `_serve_text(self, documentation)`

*Line 116: No docstring*

### SearchView (Line 120)

No docstring

**Methods:** - `form_valid(self, form)`

*Line 124: No docstring*

### ProjectListView (Line 130)

No docstring

### ProjectCreateView (Line 134)

No docstring

### RecentDocsView (Line 140)

No docstring

### PDFExportsView (Line 145)

No docstring

### MarkdownView (Line 150)

No docstring

**Methods:** - `get_context_data(self)`

*Line 153: No docstring*

### AIAssistantView (Line 159)

No docstring

**Methods:** - `get_context_data(self)`

*Line 162: No docstring*

**SettingsView (Line 167)**

No docstring

**Methods:** - `get_context_data(self)`

*Line 170: No docstring*

**File: `__init__.py`**

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**File: `0001_initial.py`**

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## Classes

**Migration (Line 7)**

No docstring

**File: `__init__.py`**

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