

School of Technology, Design and Computer Application

Silver Oak College of Computer Application

Department of Computer Application

A PROJECT PRESENTATION

ON online education Submitted By

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Bachelor of Computer Application

Semester V

minor project Group No: 385 Guide

Ms. Shilpi joshi

Submitted To Department of Computer

Application

Silver Oak University, Gota, Ahmedabad, 382481

Academic Year 2024-2025

# 1.Project profile

- Project Profile: online education
- Objective: The purpose of introducing the above is used to learn from course & built the skills & knowledge ,so users can securely purchase& learn any language through to digital platform without going to anywhere.
- Platform of Application: Web base Application
- Front End Tool: html ,css
- Back End Tool: python
- Project Duration : 6 Months
- Project Guide : ms.Shilpi joshi
- Submitted By : Unnati Parmar (2204030100794)
- Submitted To : Department Of Computer application

## 2. Existing system

- The online education system for teaching & learn is manged manually
- The student who want to learn different course they buy a some course & that through the media or other ways.
- Users who want to buy courses , so above can provide some course & give all details to course.
- Time –consuming for users.

### 3. Need for new system

- Large numbers of users & subscribers through digital platform.
- Above users participate from globally.
- Time & money saving system.

## 4. overview

- It isTheOnline Education System is a web-based platform designed to facilitate remote learning by providing a digital environment where students and instructors can interact. This system supports course creation, enrollment, content delivery, assessments, and performance tracking, all from a centralized online portal
- It is particularly beneficial for students in remote areas, working professionals, or anyone seeking to learn at their own pace.

## 5. Goals

- The goal of online education is to provide accessible, flexible, and affordable learning opportunities for individuals across different locations and backgrounds. It aims to break down barriers such as geographic location, time constraints, and financial limitations, allowing learners to pursue education at their own pace and on their own terms.
- Accessibility: Making education available to a broader audience, including those who may not have access to traditional brick-and-mortar institutions.
- Flexibility: Allowing students to learn at their own pace and on their own schedule, which is especially beneficial for working professionals or those with other commitments.

## 6. Problem definition

- The existing Online Education Management Systems, while functional, are not equipped to fully address the dynamic needs of modern learners and educators. The primary problem is the lack of an integrated, seamless learning environment that balances educational quality with ease of use. Students need more interactive tools (e.g., live discussions, peer feedback, etc.) to remain engaged. Online education needs to be more personalized, offering courses that cater to different learning styles and paces. There is a need for diversified assessment tools to ensure better evaluation of student skills.

## 7. User of the system (admin)

- The admin can login into system by entering some credentials
- The admin can manage all users
- The admin can manage all course
- The admin can see all the course , payment & user accounts.



Welcome to Above-EDU Admin

Admin001 

•••••••• 

**Log in**

Above-EDU

Admin001

Dashboard | Home > Dashboard

**Authentication and Authorization**

- Groups
- Users

**Core**

- Banners
- Call Actions
- Skills
- Testimonials
- Why Choose Us
- Solutions
- Expertise
- Team Members
- Courses
- Heading Courses
- Portfolio Items
- Pricing Plans

**Recent actions**

- Test 1 hour, 30 minutes ago  
Changed Features.
- Test 1 hour, 31 minutes ago  
Changed Features.
- 8 hours, 31 minutes ago  
Contact Info Settings  
Added "Contact Info Settings".
- 8 hours, 47 minutes ago  
Test  
Changed Features.
- 8 hours, 53 minutes ago  
Test

Above-EDU

Admin001

Dashboard

Authentication and Authorization

- Groups
- Users**

Banners

Call Actions

Skills

Testimonials

Why Choose Us

Solutions

Expertise

Team Members

Courses

Heading Courses

Portfolio Items

Pricing Plans

Users | Home > Authentication and Authorization > Users

Add user

staff status superuser status active Search

Go 0 of 2 selected

Username	Email address	First name	Last name	Staff status
Admin001	Admin001@above.com	-	-	<input checked="" type="checkbox"/>
mayur011	dodiyamayur640@gmail.com	Mayur	Dodiaya	<input type="checkbox"/>

2 users

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Above-EDU

Admin001

Dashboard

Authentication and Authorization

- Groups
- Users

Core

- Banners**
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- Skills
- Testimonials
- Why Choose Us
- Solutions
- Expertise
- Team Members
- Courses
- Heading Courses
- Portfolio Items

http://127.0.0.1:8000/admin/

Banners | Home > Core > Banners

Add Banner

----- Go 0 of 3 selected

Title	Order ↕	Image
Online Education	1	slides/1.jpg
Online Education	2	slides/2.jpg
Online Education	3	slides/3.jpg

3 Banners Save

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The screenshot shows the Above-EDU admin dashboard with a dark theme. The left sidebar contains navigation links for various sections like Dashboard, Authentication and Authorization, Core, and others. The 'Call Actions' link is highlighted in blue, indicating the current page. The main content area displays the 'Call Actions' list, showing one item named 'test'. A search bar at the top right allows filtering by title.

Above-EDU

Admin001

Call Actions | Home > Core > Call Actions

Add Call Action

Dashboard

Authentication and Authorization

- Groups
- Users

Core

- Banners
- Call Actions**
- Skills
- Testimonials
- Why Choose Us
- Solutions
- Expertise
- Team Members
- Courses
- Heading Courses
- Portfolio Items
- Pricing Plans

Go 0 of 1 selected

Title

test

1 Call Action

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Above-EDU

Admin001

Dashboard

Authentication and Authorization

- Groups
- Users

Core

- Banners
- Call Actions
- Skills**
- Testimonials
- Why Choose Us
- Solutions
- Expertise
- Team Members
- Courses
- Heading Courses
- Portfolio Items
- Pricing Plans

Skills | Home > Core > Skills

Add Skill

0 of 4 selected

Title	Icon	Color class
Test 4	Globe	Color 4
Test 3	Desktop	Color 3
Test Test 2	Picture	Color 2
Test Test	Trophy	Color 1

4 Skills

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Above-EDU

Admin001

Dashboard

Authentication and Authorization

- Groups
- Users

Core

- Banners
- Call Actions
- Skills
- Testimonials
- Why Choose Us
- Solutions
- Expertise
- Team Members
- Courses
- Heading Courses
- Portfolio Items
- Pricing Plans

Why Choose Us | Home > Core > Why Choose Us

Add Why Choose Us

----- Go 0 of 1 selected

Content

Sed ut perspiciatis unde omnis iste natus error s...

1 Why Choose Us

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Above-EDU

Admin001

Dashboard

Authentication and Authorization

- Groups
- Users

Core

- Banners
- Call Actions
- Skills
- Testimonials
- Why Choose Us
- Solutions
- Expertise
- Team Members
- Courses
- Heading Courses
- Portfolio Items
- Pricing Plans

Why Choose Us | Home > Core > Why Choose Us

Add Why Choose Us

----- Go 0 of 1 selected

Content

Sed ut perspiciatis unde omnis iste natus error s...

1 Why Choose Us

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Above-EDU

Admin001

Dashboard

Authentication and Authorization

- Groups
- Users

Core

- Banners
- Call Actions
- Skills
- Testimonials
- Why Choose Us

Solutions

Expertise

Team Members

Courses

Heading Courses

Portfolio Items

Pricing Plans

Solutions

Save

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Solutions | Home > Core > Solutions

Add Solution

Go 0 of 3 selected

Title	Order ↓↑
Accordion Heading Text Item # 1	1
Accordion Heading Text Item # 2	2
Test 3	3

Above-EDU

Admin001

Dashboard

Authentication and Authorization

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- Users

Core

- Banners
- Call Actions
- Skills
- Testimonials
- Why Choose Us
- Solutions

Expertise

Team Members

Courses

Heading Courses

Portfolio Items

Pricing Plans

Home > Core > Expertise

Add Expertise

----- Go 0 of 4 selected

Title	Progress percentage	Progress color
Test 4	25	Yellow
Test 2	100	Light Blue
Test 1	75	Green
Web Development	50	Red

4 Expertise

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Above-EDU

Admin001

Dashboard

Authentication and Authorization

- Groups
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Core

- Banners
- Call Actions
- Skills
- Testimonials
- Why Choose Us
- Solutions
- Expertise

Team Members

Courses

Heading Courses

Portfolio Items

Pricing Plans

Team Members

Home > Core > Team Members

Add Team Member

Go 0 of 4 selected

Name	Position	Order
Test 1	lorem	1
Test 2	lorem	2
Test 3	LoRem	3
Test 4	LoRem	4

4 Team Members Save

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Above-EDU

Admin001

Courses | Home > Core > Courses

Add Course

Dashboard

Authentication and Authorization

- Groups
- Users

Core

- Banners
- Call Actions
- Skills
- Testimonials
- Why Choose Us
- Solutions
- Expertise
- Team Members

Courses

Heading Courses

Portfolio Items

Pricing Plans

0 of 1 selected

Title	Order ↕	Thumbnail
Web Development	1	courses/service1.jpg

1 Course Save

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The screenshot displays the 'Courses' section of the Above-EDU administration interface. The 'Courses' menu item is currently selected, indicated by a blue background. The main content area shows a single course entry: 'Web Development' with an order of 1 and a thumbnail image named 'courses/service1.jpg'. The sidebar on the left provides navigation links for various core modules, including Authentication and Authorization, Core, and Portfolio Items. The overall theme is dark, with light-colored text and icons.

Above-EDU

Admin001

Dashboard

Authentication and Authorization

- Groups
- Users

Core

- Banners
- Call Actions
- Skills
- Testimonials
- Why Choose Us
- Solutions
- Expertise
- Team Members
- Courses

**H Heading Courses**

Portfolio Items

Pricing Plans

Heading Courses

Home > Core > Heading Courses

Add Heading Course

----- Go 0 of 3 selected

Title	Order ↓↑
Test 2	1
Heading Course	2
test 3	3

3 Heading Courses Save

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Above-EDU

Dashboard Portfolio Items | Home > Core > Portfolio Items Add Portfolio Item

Groups Users

Banners Call Actions Skills Testimonials Why Choose Us Solutions Expertise Team Members Courses Heading Courses Portfolio Items Pricing Plans Contact Info Contact Submissions

category Search

0 Portfolio Items

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Above-EDU

Admin001

Dashboard

Authentication and Authorization

- Groups
- Users

Core

- Banners
- Call Actions
- Skills
- Testimonials
- Why Choose Us
- Solutions
- Expertise
- Team Members
- Courses
- Heading Courses
- Portfolio Items
- Pricing Plans

Pricing Plans | Home > Core > Pricing Plans

Add Pricing Plan

Go 0 of 1 selected

<input type="checkbox"/>	Title	Price	Duration	Is featured	Order ↕	X
<input type="checkbox"/>	Test	20	Year	<input checked="" type="checkbox"/>	1	<input type="button" value="▲"/>

1 Pricing Plan

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Above-EDU

Dashboard

Contact Info | Home > Core > Contact Info

Add Contact Info

Groups

Users

Banners

Call Actions

Skills

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Why Choose Us

Solutions

Expertise

Team Members

Courses

Heading Courses

Portfolio Items

Pricing Plans

Contact Info

Contact Submissions

-----

Go 0 of 1 selected

	Company name	Is map active	Is info active
<input type="checkbox"/>	The Company Name	✓	✓

1 Contact Info

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Above-EDU

Dashboard

Authentication and Authorization

- Groups
- Users

Core

- Banners
- Call Actions
- Skills
- Testimonials
- Why Choose Us
- Solutions
- Expertise
- Team Members
- Courses
- Heading Courses
- Portfolio Items
- Pricing Plans
- Contact Info
- Contact Submissions

Contact Submissions | Home > Core > Contact Submissions

Add Contact Submission

submitted at

Search

-----

Go 0 of 3 selected

<input type="checkbox"/>	Name	Email	Subject	Submitted at
<input type="checkbox"/>	Test	test@gmail.com	Test	April 10, 2025, 5:04 p.m.
<input type="checkbox"/>	Test	test@gmail.com	Test	April 10, 2025, 5:04 p.m.
<input type="checkbox"/>	Test	test@gmail.com	Test	April 10, 2025, 10:17 a.m.

3 Contact Submissions

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## 8. System of the users (above)

- The above has to register on website by giving some information
- The above can login on the website by providing some personal information
- The above can have many features
- The users can see the how many course they complete in above
- The above web can see how many he/she login in website.

## 9. Users of the system (users side)

- The users has to register on website by giving some information .
- the users can login on the website by providing some personal information.
- The users can mange their own account.



### Test Test

Lorem ipsum dolor sit amet,  
consectetur adipisicing elit.  
Dolores quae porro consequatur  
aliquam, incident eis magni  
provident



### Test Test 2

Lorem ipsum dolor sit amet,  
consectetur adipisicing elit.  
Dolores quae porro consequatur  
aliquam, incident eis magni  
provident



### Test 3

Lorem ipsum dolor sit amet,  
consectetur adipisicing elit.  
Dolores quae porro consequatur  
aliquam, incident eis magni  
provident



### Test 4

Lorem ipsum dolor sit amet,  
consectetur adipisicing elit.  
Dolores quae porro consequatur  
aliquam, incident eis magni  
provident

*Blanditiis praesentium voluptatum deleniti atque corrupti quos dolores et quas molestias excepturi sint occaecati cupiditate non provident, similique sunt in culpa qui officia deserunt mollitia animi.*

*--Jaison Warner--*



## Courses We Offer

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### Web Development

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## About Us

### We are awesome TEAM

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Lorem ipsum dolor sit amet, consectetur adipisicing elit. adipisicing sit amet, consectetur adipisicing elit. Atque sed, quidem quis praesentium,m deserunt.

- ➊ Lorem ipsum enim dolor sit amet
- ➋ Explicabo deleniti neque aliquid
- ➌ Consectetur adipisicing elit
- ➍ Lorem ipsum dolor sit amet
- ➎ Quo issimos molest quibusdam temporibus



## Why Choose Us?

Sed ut perspiciatis unde omnis iste natus error sit voluptatem accusantium doloremque laudantium, totam rem aperiam, eaque ipsa quae ab illo inventore veritatis et quasi architecto beatae vitae dicta sunt explicabo. Nemo enim ipsam voluptatem quia voluptas sit aspernatur. Sed ut perspiciatis iste natus error sit voluptatem probably haven't heard of them accusamus. Test Test

## Our Solution

### > Accordion Heading Text Item # 1

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### > Accordion Heading Text Item # 2

### > Test 3

## Our Expertise

### Web Development

Test 1

Test 2

Test 4

## Our Team





**Test 1**

lorem



**Test 2**

lorem



**Test 3**

Lorem



**Test 4**

Lorem

#### Our Contact

**Abovecompany Inc**  
JC Main Road, Near Silnile tower  
Pin-21542 NewYork US.

(123) 456-789 - 1255-12584  
email@domainname.com

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[Pellentesque et pulvinar enim. Quisque at tempor ligula](#)  
[Natus error sit voluptatem accusantium doloremque](#)

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[Pellentesque et pulvinar enim. Quisque at tempor ligula](#)  
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## Courses

### Courses We Offer

Lorem ipsum dolor sit amet, consectetur adipisicing elit. Dolores quae porro consequatur aliquam, incidunt eius magni provident, doloribus omnis minus temporibus perferendis nesciunt quam repellendus nulla nemo ipsum odit corrupti consequuntur possimus, vero mollitia velit ad consectetur. Alias, laborum excepturi nihil autem nemo numquam, ipsa architecto non, magni consequuntur quam.

#### Test 2

Lorem ipsum dolor sit amet, consectetur adipisicing elit. Praesent vest sit amet, consec ibulum molestie lacus. Aenean nonummy hendrerit mauris. Phasellus porta.

#### Heading Course

Lorem ipsum dolor sit amet, consectetur adipisicing elit. Praesent vest sit amet, consec ibulum molestie lacus. Aenean nonummy hendrerit mauris. Phasellus porta. Test 1

#### test 3

Lorem ipsum dolor sit amet, consectetur adipisicing elit. Praesent vest sit amet, consec ibulum molestie lacus. Aenean nonummy hendrerit mauris. Phasellus porta.

A horizontal progress bar consisting of a grey rectangular bar with a thin yellow-orange horizontal line near the left end, indicating progress or loading status.

Progress Bar Description: A horizontal progress bar consisting of a grey rectangular bar with a thin yellow-orange horizontal line near the left end, indicating progress or loading status.



HOME ABOUT COURSES PORTFOLIO PRICING CONTACT LOGOUT (ADMIN001)

## Portfolio

All

Web Design

Mobile App

UI Design



Our Contact

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Recent News



## Pricing

Test

*20 / Year*

Feature1
Feature2
Feature3
Feature1

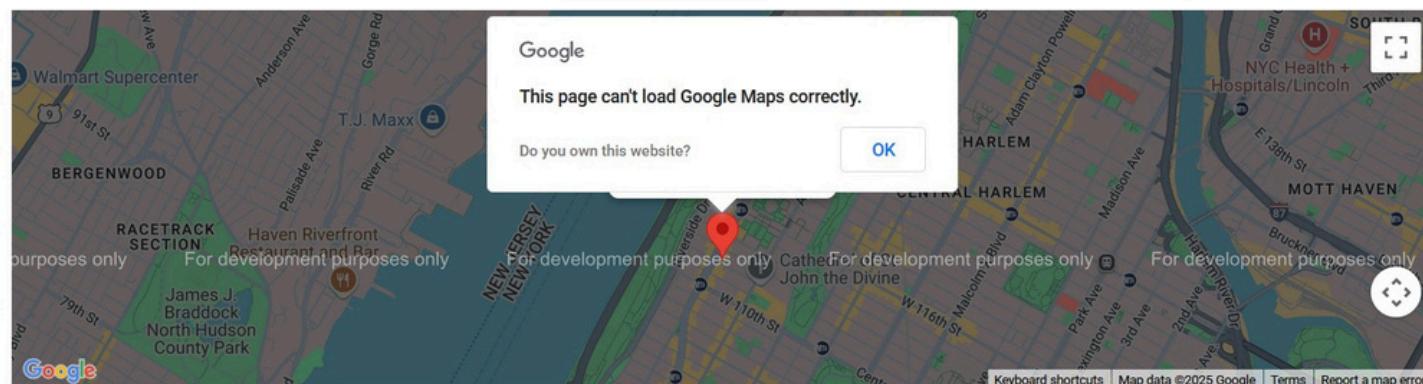
[Get Now](#)





HOME ABOUT COURSES PORTFOLIO PRICING CONTACT LOGOUT (ADMIN001)

## Contact Us



Name\*

Email\*

### Contact Info

dffdwhegdgewhdhed

gvhedwfvgfhvjwefghfjewgbjkhukwgjuhkewuhewujf

**email\***  
 

**Subject\***  
 

**Message\***  
 

**Submit**

gvhedwfvgfhfvhjweghfewgbjkhukwgjuhkehuhewujf  
**The Company Name**  
**12345 St John Point, Brisbean, ABC 12 St 11**  
Telephone: +1 234 567 890  
FAX: dewdwedwedewdewedew  
E-mail: mail@sitename.org

#### Our Contact

**Abovecompany Inc**  
JC Main Road, Near Silnile tower  
Pin-21542 NewYork US.  
  
(123) 456-789 - 1255-12584  
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consectetur adipiscing elit.  
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at tempor ligula  
Natus error sit voluptatem accusantium  
doloremque

#### Recent News

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consectetur adipiscing elit.  
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at tempor ligula  
Natus error sit voluptatem accusantium  
doloremque



**email\***  
 

**Subject\***  
 

**Message\***  
 

**Submit**

gvhedwfvgfhfvhjweghfewgbjkhukwgjuhkehuhewujf  
**The Company Name**  
**12345 St John Point, Brisbean, ABC 12 St 11**  
Telephone: +1 234 567 890  
FAX: dewdwedwedewdewedew  
E-mail: mail@sitename.org

#### Our Contact

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at tempor ligula  
Natus error sit voluptatem accusantium  
doloremque





HOME ABOUT COURSES PORTFOLIO PRICING CONTACT LOGIN / REGISTER

## Welcome Back!

Please login or create an account to continue

Login

Register

Email address

Password

Remember me

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Please login or create an account to continue

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Register

First name

Last name

User icon Username

Email icon Email address

Lock icon Password

I agree to the [Terms of Service](#) and [Privacy Policy](#)

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# 10. Data dictionary (dd)

A data dictionary for online education is a structure document that provides a comprehensive description of the data elements used in an online learning environment. It helps ensure clarity, consistency and proper understanding of data across different systems and stakeholders .this includes defining the meaning ,purpose and format of data fields, as well as any rules or constraints associated with them.

- Student id
- Course id
- Grade
- Assessment score
- Course title
- Instructor name
- Content type
- Module completion date .

Here's the Data Dictionary for all the tables in your Django models, formatted with columns for Sr.No, Field Name, Data Types (Size), Constraints, Description, and Sample Data:

## 1. Banner

Sr.No	Field Name	Data Types (Size)	Constraints	Description	Sample Data
1	id	Integer (AutoField)	Primary Key	Unique identifier	1
2	image	ImageField	upload_to='slides/'	Banner image	"slides/banner1.jpg"
3	title	CharField (100)		Banner title	"Summer Sale"
4	description	CharField (200)		Banner description	"Get 50% off"
5	order	PositiveIntegerField default=0		Display order	1

## 2. CallAction

Sr.No	Field Name	Data Types (Size)	Constraints	Description	Sample Data
1	id	Integer (AutoField)	Primary Key	Unique identifier	1
2	title	CharField (200)		Call-to-action title	"Join Us Today!"
3	description	TextField		Detailed description	"Sign up for exclusive offers"

## 3. Skill

Sr.No	Field Name	Data Types (Size)	Constraints	Description	Sample Data
1	id	Integer (AutoField)	Primary Key	Unique identifier	1
2	title	CharField (100)		Skill title	"Web Design"
3	icon	CharField (20)	choices=ICON_CHOICES	Font Awesome icon	"fa-desktop"
4	description	TextField		Skill description	"Professional UI/UX"
5	color_class	CharField (10)	default='c1', choices=COLOR	CSS color class	"c2"

## 4. Testimonial

Sr.No	Field Name	Data Types (Size)	Constraints	Description	Sample Data
1	id	Integer (AutoField)	Primary Key	Unique identifier	1
2	content	TextField		Testimonial text	"Great service!"
3	author	CharField (100)		Author name	"John Doe"
4	is_active	BooleanField	default=False	Show in carousel?	True
5	order	PositiveIntegerField default=0		Display order	2

## 5. WhyChooseUs

Sr.No	Field Name	Data Types (Size)	Constraints	Description	Sample Data
1	id	Integer (AutoField)	Primary Key	Unique identifier	1
2	content	TextField		Reason to choose	"24/7 Support"

## 6. Solution

Sr.No	Field Name	Data Types (Size)	Constraints	Description	Sample Data
1	id	Integer (AutoField)	Primary Key	Unique identifier	1

## 7. Expertise

Sr.No	Field Name	Data Types (Size)	Constraints	Description	Sample Data
1	id	Integer (AutoField)	Primary Key	Unique identifier	1
2	title	CharField (100)		Expertise area	"Marketing"
3	progress_percentage	PositiveIntegerField		Progress (0-100)	85
4	progress_color	CharField (20)	choices=PROGRESS_COLORS	Progress bar color	"progress-bar-green"

## 8. TeamMember

Sr.No	Field Name	Data Types (Size)	Constraints	Description	Sample Data
1	id	Integer (AutoField)	Primary Key	Unique identifier	1
2	name	CharField (100)		Member name	"Alice Smith"
3	position	CharField (100)		Job title	"Designer"
4	photo	ImageField	upload_to='team', null=True	Profile photo	"team/alice.jpg"
5	order	PositiveIntegerField default=0		Display order	1

## 9. Course

Sr.No	Field Name	Data Types (Size)	Constraints	Description	Sample Data
1	id	Integer (AutoField)	Primary Key	Unique identifier	1
2	thumbnail	ImageField	upload_to='courses/'	Course thumbnail	"courses/python.jpg"
3	link	URLField (200)	null=True	Course URL	"https://example.com"
4	title	CharField (100)		Course title	"Python Basics"
5	description	TextField		Course details	"Learn Python in 30 days"
6	order	PositiveIntegerField default=0		Display order	2

## 10. PortfolioItem

Sr.No	Field Name	Data Types (Size)	Constraints	Description	Sample Data
1	id	Integer (AutoField)	Primary Key	Unique identifier	1
2	title	CharField (100)		Portfolio title	"E-commerce Site"
3	image	ImageField	upload_to='portfolio/'	Portfolio image	"portfolio/shop.jpg"
4	category	CharField (20)	choices=CATEGORY_CHOICES	Project category	"web"
5	description	TextField		Project details	"Built with Django"
6	course_link	URLField (200)	null=True	Related course link	"https://example.com"
7	order	PositiveIntegerField default=0		Display order	1

## 11. PricingPlan

Sr.No	Field Name	Data Types (Size)	Constraints	Description	Sample Data
1	id	Integer (AutoField)	Primary Key	Unique identifier	1
2	title	CharField (100)		Plan name	"Premium"
3	price	CharField (50)		Formatted price	"\$99.99"
4	duration	CharField (10)	choices=DURATION_CHOICES	Billing period	"Year"
5	features	TextField		Comma-separated features	"24/7 Support, API Access"
6	is_featured	BooleanField	default=False	Highlight this plan?	True
7	order	PositiveIntegerField	default=0	Display order	2

## 12. ContactSubmission

Sr.No	Field Name	Data Types (Size)	Constraints	Description	Sample Data
1	id	Integer (AutoField)	Primary Key	Unique identifier	1
2	name	CharField (100)		Submitter name	"Jane Doe"
3	email	EmailField		Submitter email	"jane@example.com"
4	subject	CharField (200)		Message subject	"Inquiry"
5	message	TextField		Message body	"I need help with..."
6	submitted_at	DateTimeField	auto_now_add=True	Submission timestamp	"2023-10-01 12:00:00"

## 13. ContactInfo

Sr.No	Field Name	Data Types (Size)	Constraints	Description	Sample Data
1	id	Integer (AutoField)	Primary Key	Unique identifier	1
2	latitude	FloatField	null=True	Map latitude	40.805478
3	longitude	FloatField	null=True	Map longitude	-73.965225
4	company_name	CharField (100)	default="The Company Name"	Business name	"Tech Solutions Inc."
5	telephone	CharField (20)	default="+1 234 567 890"	Phone number	"+1 555 123 4567"

### Key Features of This Data Dictionary:

1. Standardized Format: Easy to read and compare across tables.
2. Complete Coverage: Includes all fields from your Django models.
3. Practical Examples: Sample data for quick reference.
4. Constraint Details: Highlights null, choices, default, etc.

You can export this to Excel/PDF or use it directly for documentation. Let me know if you'd like any modifications!

*Thank you .....*