



Parshvanath Charitable Trust's
A. P. SHAH INSTITUTE OF TECHNOLOGY, THANE
(All Programs Accredited by NBA)

Department of Information Technology



PyTech

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Project Guide
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1. Introduction

- This project 'PyTech' is developed in Python language. It uses Django web framework in the development of a technical website.
- The main goal of our project is to create a real world eCommerce application
- All the functionalities of this website is purely based on python.

2. Objectives

- To create an interactive, high-end visual webpage by using Django ~ a python web framework.
- To design a website for the purpose of viewing products and for purchasing them.
- To ensure accurate and bug free shopping experience.
- To generate bill for the products purchased.
- To keep data of buyers account secured and systematic
- To provide Two Step Factor Verification
- To provide genuine reviews of verified purchase

3. Scope

- This website provides products accessible to every user.
- In this busy world, the products in this website can be useful to make life stress free and make various work easier.
- The applications that can be purchased from this website saves time and improve workflow.
- In the future, we will be implementing downloadable products so that users can enjoy their purchase instantly.

4. Feature/Functionality

- Anyone can play games and use various other applications free of charge.*
- The UI is user friendly and interactive, with an emphasis for being beginner friendly.
- Users can view the products, add them to cart and checkout as usual. They can also register themselves and get an confirmation mail back.
- It provides variety of applications at one place.
- It is highly secure and uses Two Factor Authentication.
- It provides confirmation mail for ordered items.
- It also contain rating section where customers can rate their product

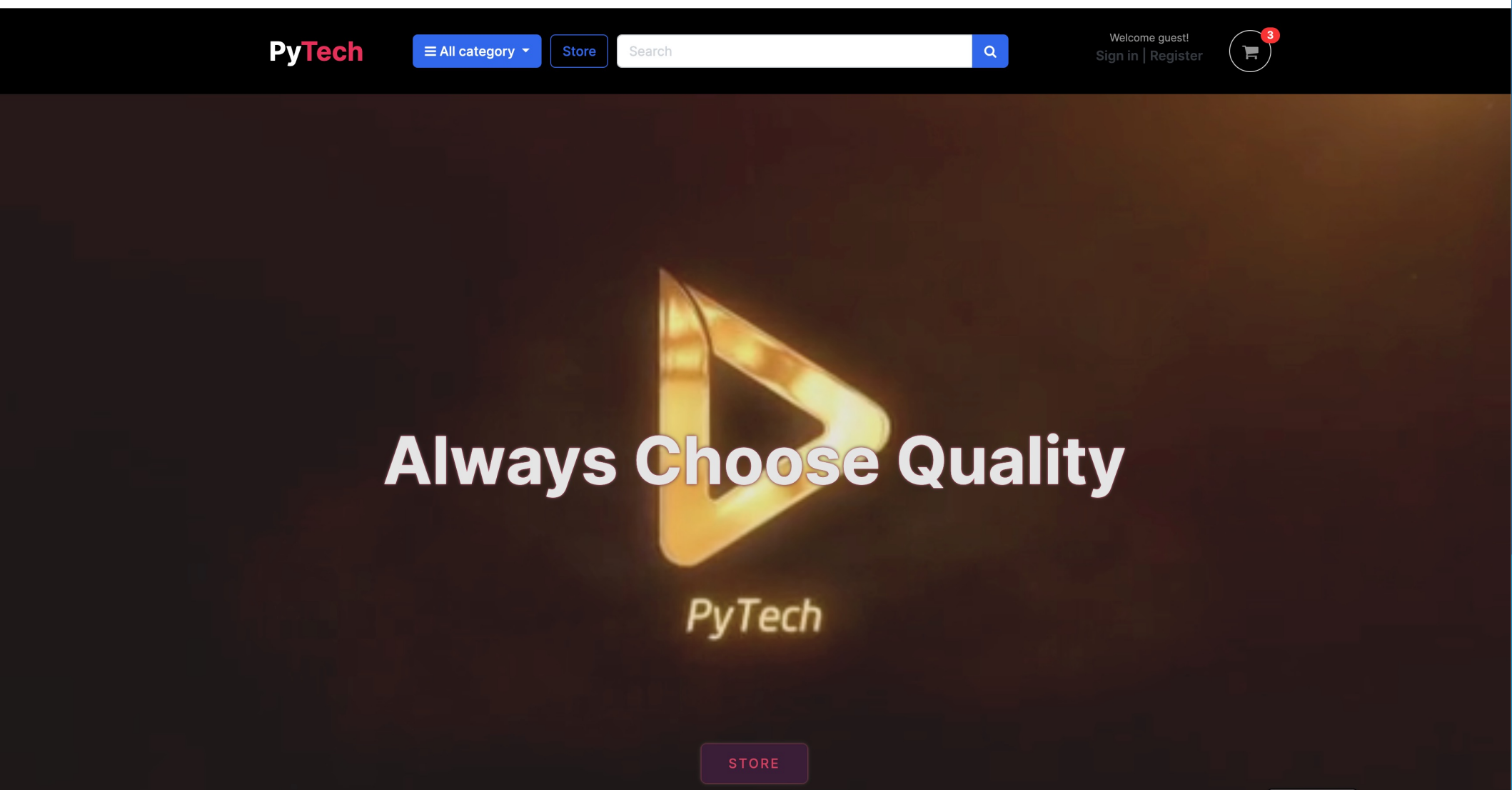
5. Project Outcomes

- User will be able to Register & Login. If in case, user forgets their password, then will be able to change their password too.
- User will be able to access the Store Page.
- User will be able to search for products, purchase the products as well as review them.

6. Technology Stack

- Git bash (For creating virtual environment)
- Frontend:
 1. HTML
 2. CSS
 3. Bootstrap
- Backend:
 1. Python Ver. 3.9.10
 2. Django
 3. RDS Postgres / Sqlite3

7. Implementation



Home Page

PyTech

≡ All category ▾

Store

Search



Welcome guest!
Sign in | Register



G

ames

Lorem ipsum dolor sit, amet consectetur adipisicing elit. Quae dolore culpa sapiente neque optio tempore! Magnam ut ad laudantium molestiae odit, nulla dolore voluptate quaerat, similique eaque repudiandae laborum, corrupti harum quasi voluptas nostrum?lorem12lorem12



P

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Lorem ipsum dolor sit, amet consectetur adipisicing elit. Quae dolore culpa sapiente neque optio tempore! Magnam ut ad laudantium molestiae odit, nulla dolore voluptate quaerat, similique eaque repudiandae laborum, corrupti harum quasi voluptas nostrum?lorem12lorem12

Store Page

PyTech

≡ All category ▾

Store

Search



Welcome guest!
[Sign in](#) | [Register](#)

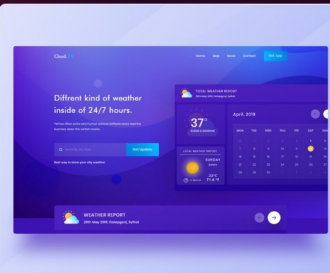


Our Store

Categories ▾

All Products
Games
Productivity
Utilities

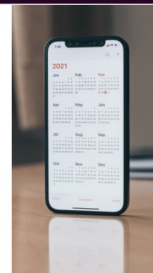
9 items found



Weather

\$12

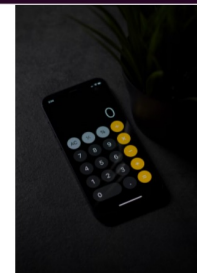
[View Details](#)



Calender

\$11

[View Details](#)



Calculator

\$10

[View Details](#)

[Previous](#) [1](#) [2](#) [3](#) [Next](#)

Product Details Page



God Of War Ragnarök

☆☆☆☆☆ 0 reviews

\$ 212

Taking place three years after the events of the previous game, Fimbulwinter, a great winter that spanned three summers, is drawing to a close. It is prophesied that Ragnarök will begin once Fimbulwinter comes to an end. A now teenaged Atreus, curious and confused by the revelations of the previous game, seeks the answers to questions about his newfound identity, as well as a way to prevent Ragnarök from happening. To uncover the truth, Kratos and Atreus must set out to find their needed answers

Choose Version

Select

Select Type

Select

Add to Cart

Write Your Review

How do you rate this product?

Review Title:

Sign Up Page

PyTech

≡ All category ▾

Store

Search



Welcome guest!
[Sign in](#) | [Register](#)



Sign up

First name

Enter First Name

Last name

Enter last Name

Email Address

Enter Email Address

Phone Number

Enter Phone Number

Create password

Enter Password

Repeat password

Confirm Password

Register

Have an account? [Login](#)

Log in Page

PyTech

≡ All category ▾

Store

Search



Welcome guest!
[Sign in](#) | [Register](#)



Sign in

devanshumahapatra17@gmail.com

.....

[Forgot password?](#)

Login

Don't have account? [Sign up](#)

Cart Page

PyTech

≡ All category ▾

Store

Search



Welcome guest!
[Sign in](#) | [Register](#)



PRODUCT



Weather

Version : PREMIUM
Dlc : BUSINESS

QUANTITY

- 3 +

PRICE

\$36
\$12 each

Remove

Total price: \$ 36
Tax: \$ 0.72
Grand Total: **\$ 36.72**



Checkout

Continue Shopping

Thank You...!!