



LJ University
University with a Difference

KartZed

Developed By

Bhavin Kalal (Enroll. No.: 2020004500210021)
Varad Joshi (Enroll. No.: 2020004500210019)
Vasu Sidapara (Enroll. No.: 2020004500210067)

Guided by

Dr. Jignesh Doshi

L.J. School of Computer Applications

L.J. Campus, Near Sanand Cross Roads, S.G. Road, Ahmedabad - 382210

Ph. No.: 9099063417



CERTIFICATE

Enrollment No: 2020004500210021

Seat No: _____

This is to certify that Mr./Ms. **Bhavin Rajkumar Kalal** of Master of Science
(Information Technology) Integrated, Semester **VI**, Div **A**, Roll No **21** has satisfactorily completed
his/her project titled **KartZed** in S/W Project (050020609) under the
supervision of **Dr. Jignesh Doshi**.

Internal Guide

Dr. Jignesh Doshi

HOD

Dr. Jignesh Doshi

Date of Submission:



CERTIFICATE

Enrollment No: 2020004500210019

Seat No: _____

This is to certify that Mr./Ms. Varad Ketanbhai Joshi of Master of Science
(Information Technology) Integrated, Semester VI, Div A, Roll No 19 has satisfactorily completed
his/her project titled KartZed in S/W Project (050020609) under the
supervision of Dr. Jignesh Doshi.

Internal Guide

Dr. Jignesh Doshi

HOD

Dr. Jignesh Doshi

Date of Submission:



CERTIFICATE

Enrollment No: : 2020004500210067

Seat No: _____

This is to certify that Mr./Ms. **Vasu Vimalkumar Sidapara** of Master of Science
(Information Technology) Integrated, Semester **VI** , Div **B** , Roll No **13** has satisfactorily completed
his/her project titled **KartZed** in S/W Project (050020609) under the
supervision of **Dr. Jignesh Doshi**.

Internal Guide

Dr. Jignesh Doshi

HOD

Dr. Jignesh Doshi

Date of Submission:

Certificate of Originality

This is to certify, that the project work submitted by me/us titled _____ is an outcome of my/our independent and original work. I/we assure that this project is not copied from any other person's work (published/unpublished), and has not previously submitted for assessment either at university or elsewhere. I/we confirm that, I/we have read and understood the rules and regulations on plagiarism in LJU.

Sr. No.	Enrollment No.	Name of the student	Signature
1	2020004500210021	Bhavin Kalal	
2	2020004500210019	Varad Joshi	
3	2020004500210067	Vasu Sidapara	

Commitment form

I/we assure that following are the components on which I/we worked in the said project titled _____. Further I/we confirm that, I/we have read and understood the rules and regulations of UFM in LJU.

Student 1

Enrollment No. : _____ Division: ____ Roll No. : _____

Name of the student: _____

Components worked on (Not overlapping or common across members)

- | | |
|----------|-----------|
| 1. _____ | 2. _____ |
| 3. _____ | 4. _____ |
| 5. _____ | 6. _____ |
| 7. _____ | 8. _____ |
| 9. _____ | 10. _____ |

Date: _____

Signature: _____

Student 2

Enrollment No. : _____ Division: ____ Roll No. : _____

Name of the student: _____

Components worked on (Not overlapping or common across members)

- | | |
|----------|-----------|
| 1. _____ | 2. _____ |
| 3. _____ | 4. _____ |
| 5. _____ | 6. _____ |
| 7. _____ | 8. _____ |
| 9. _____ | 10. _____ |

Date: _____

Signature: _____

Student 3

Enrollment No. : _____ Division: ____ Roll No. : _____

Name of the student: _____

Components worked on (Not overlapping or common across members)

1. _____ 2. _____

3. _____ 4. _____

5. _____ 6. _____

7. _____ 8. _____

9. _____ 10. _____

Date: _____

Signature: _____

Sr. No.	TABLE OF CONTENTS	Page No.
1.	INTRODUCTION	7
	1.1 Existing System	8
	1.2 Need for the New System	9
	1.3 Objective of the New System	10
	1.4 Problem Definition	11
	1.5 Advantages and Limitations of the Proposed System	12
	1.6 Core Components	13
	1.7 Targeted Users	14
	1.8 Project Profile	15
2.	REQUIREMENT DETERMINATION & ANALYSIS	
	2.1 User Requirements	16
	2.2 Requirement Determination	17
3.	SYSTEM DESIGN	
	3.1 UML Diagram	18
	3.2 Data Dictionary	22
4.	DEVELOPMENT	
	4.1 Coding Standards	29
	4.2 Screenshots	30
5.	AGILE DOCUMENTATION	
	5.1 Agile Project Charter	44
	5.2 Agile Roadmap / Schedule	45
	5.3 Agile Project Plan	46
	5.4 User Story	47
	5.5 Agile Release plan	48
	5.6 Agile Sprint Backlog	49
	5.7 Agile Test Plan	50
	5.8 Earned-value & Burn chart	53
6.	FUTURE WORK	54
7.	REFERENCES	55

1) Introduction

KartZed website is an online platform that enables businesses to sell games to customers over the internet. These websites provide customers with a convenient and easy way to browse and purchase games from the comfort of their own homes, as well as providing businesses with a cost-effective way to reach a wider audience and increase sales.

KartZed websites typically include a catalog of products or services, a shopping cart, and a payment gateway that enables secure transactions. The catalog displays the products or services that are available for purchase, often with images, descriptions, and prices. Customers can add items to their shopping cart, view the total cost of their order, and proceed to checkout.

The payment gateway is a secure system that enables customers to make payments using a variety of methods, such as credit cards, debit cards, or online payment services. This ensures that transactions are processed safely and securely, protecting both the customer and the business from fraud and other risks.

KartZed provide a platform for selling products and services, It can also be used to build brand awareness, provide customer support, and collect valuable data about customer behaviour and preferences. This data can be used to improve marketing strategies, product offerings, and overall customer satisfaction.

1.1) Existing System

The approach of our website is very unique so there is no existing system that provide the same services.

Although there is a website called gameflip that so the similar work but has very poor website maintenance.

Also, it is taking more time to manage customer services, reporting, and other activities. We have a system in place to record both business and non-business interactions, but it still has certain shortcomings.

1.2) Need for a New System

The existing system has a number of drawbacks. The shortcomings of the current system are addressed by the suggested system. There are various benefits to the suggested approach that make it possible to do business solely from a window. Complexity and time are not completely eliminated. All transactions relating to business are logged in one location.

Work on client feedback and service management becomes increasingly concentrated. With reports produced by an automated system, business analysis and gap discovery are made simple. Large-scale company operations can be managed successfully.

1.3) Objective for the New System

E-commerce websites offer a wide range of products, from local to global, 24/7 access, quick and easy shopping experience, time-saving, lower prices, discounts, coupons, and deals, and rich product information. They also offer multiple payment options, such as credit/debit cards, PayPal, and more, making it convenient for users to pay.

1.4) Problem Definition

Various challenges and limitations that affect users worldwide. Some of the problems with offline shopping include:

Limited accessibility and availability, Time-consuming, Increased prices, Restricted access to information, Limited payment options

1.5) Advantages and Limitations of the Proposed System

Advantages:

- one stop solution
- simple navigation
- quick product display
- increase in availability
- Ease user task by 60-70%

Limitation:

- less contact with service provider
- verification insecurity

1.6) Core Components

User Management

- Registration
- Login
- Product pages
- Product Categories
- Product Description
- Product Availabilities
- Search functionalities
- Product Filtering
- Product Sorting
- Quantity Selector
- Wishlist
- Shopping Cart
- Contact Form

Transaction Management

- Payment Gateway (admin)
- Discounts and Promotions
- Payment Gateway (user)
- Special offers and promotions (user)

Master Management

- Dashboard overview
- Inventory Showcase
- Product Management
- Shipping Management
- Customer Reviews & Feedbacks
- Review Management
- Order Management
- Content Management
- Inventory Management

Reports

- Sales analytics and reports (admin)
- Reporting and analytics
- Analytics and Tracking (merchant)
- Order status updates (user)

1.7) Targeted Users

- Vendors
- Customers
- Professionals

1.8) Project Profile

Project title	KartZed
Front-End and Back-End	Django 4.1, CSS5, HTML5, JS, Python
Database	MongoDB
Libraries	OS, String, Random, Datetime, math
GitHub URL	https://github.com/SidaparaVasu/KartZed-Django
Evaluators	Dr. Jignesh Doshi (HOD)

2) Requirement Determination & Analysis

2.1) User Requirements

End User Requirements:

- Easy Navigation
- Product Information
- Search Functionality
- User-Friendly Checkout
- Secure Payment Options
- Mobile Responsiveness
- Customer Support
- Personalization
- Different browser supports (including versions)
- Wishlist and Shopping carts (future purchase).
- Users should be able to view & track the status of items they have ordered.

Administrator Requirements:

- Administrators should be able to manage eCommerce applications using Web browsers.
- Data managers should be able to delete users.
- Site administrators should be able to change the status of goods purchased by users after items have been shipped.
- Administrators should be able to view all user transactions.
- Site managers should be able to view all transactions for the day.

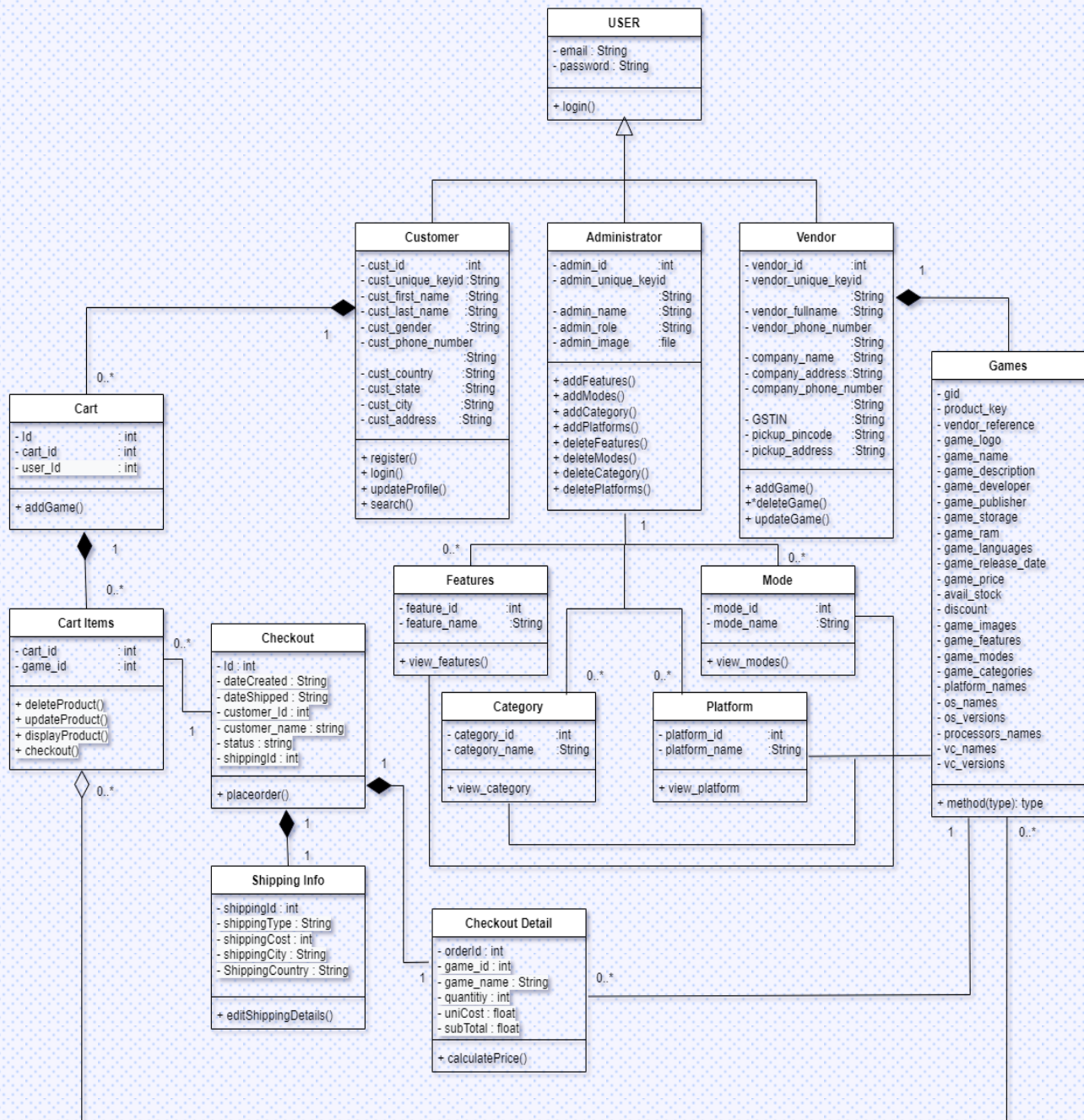
2.2) Requirement Determination

- User have to search valid information
- Vendors have to maintain availability of product
- Only verified products must be sold

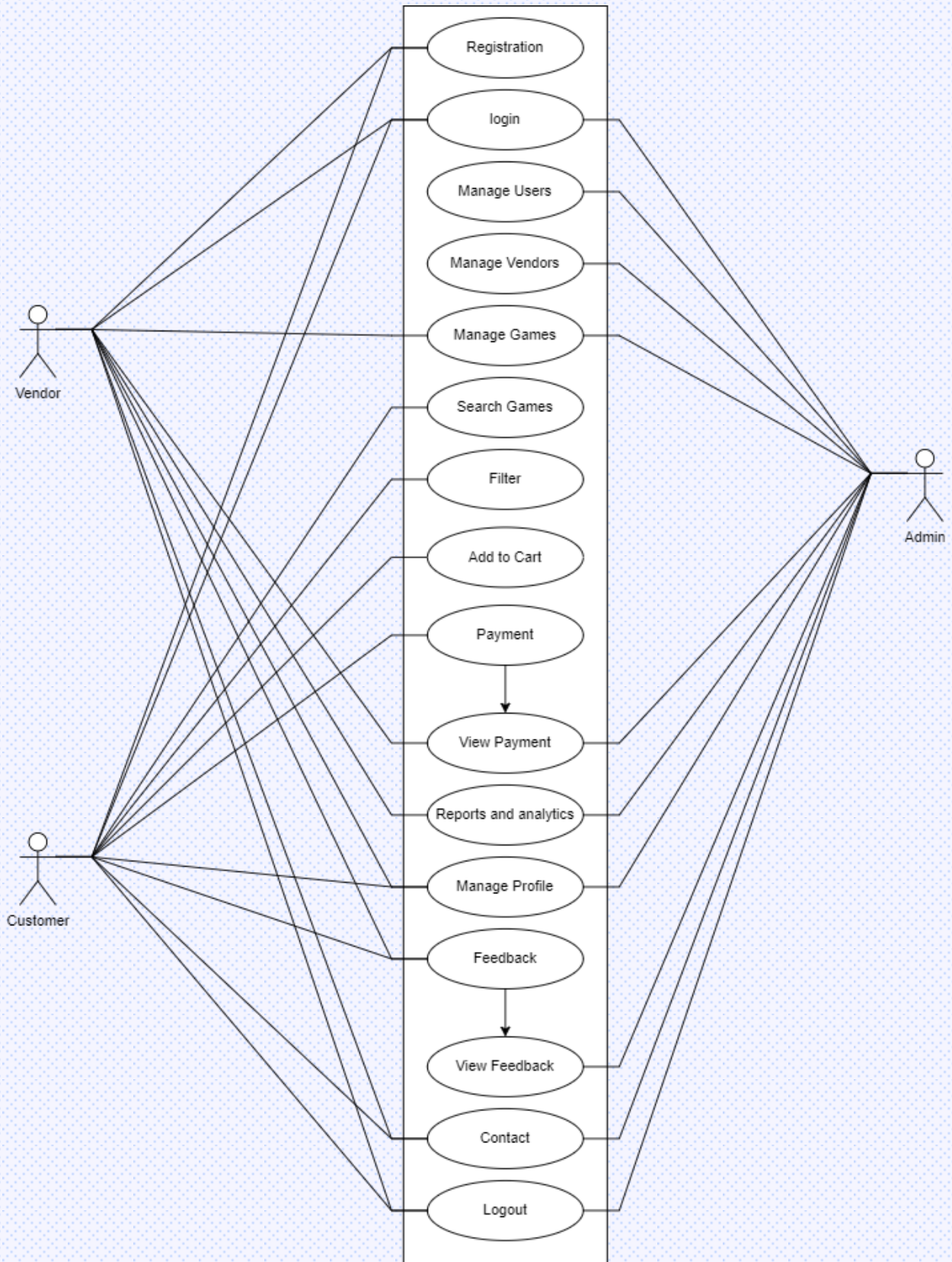
3) System Design

3.1) UML Diagrams

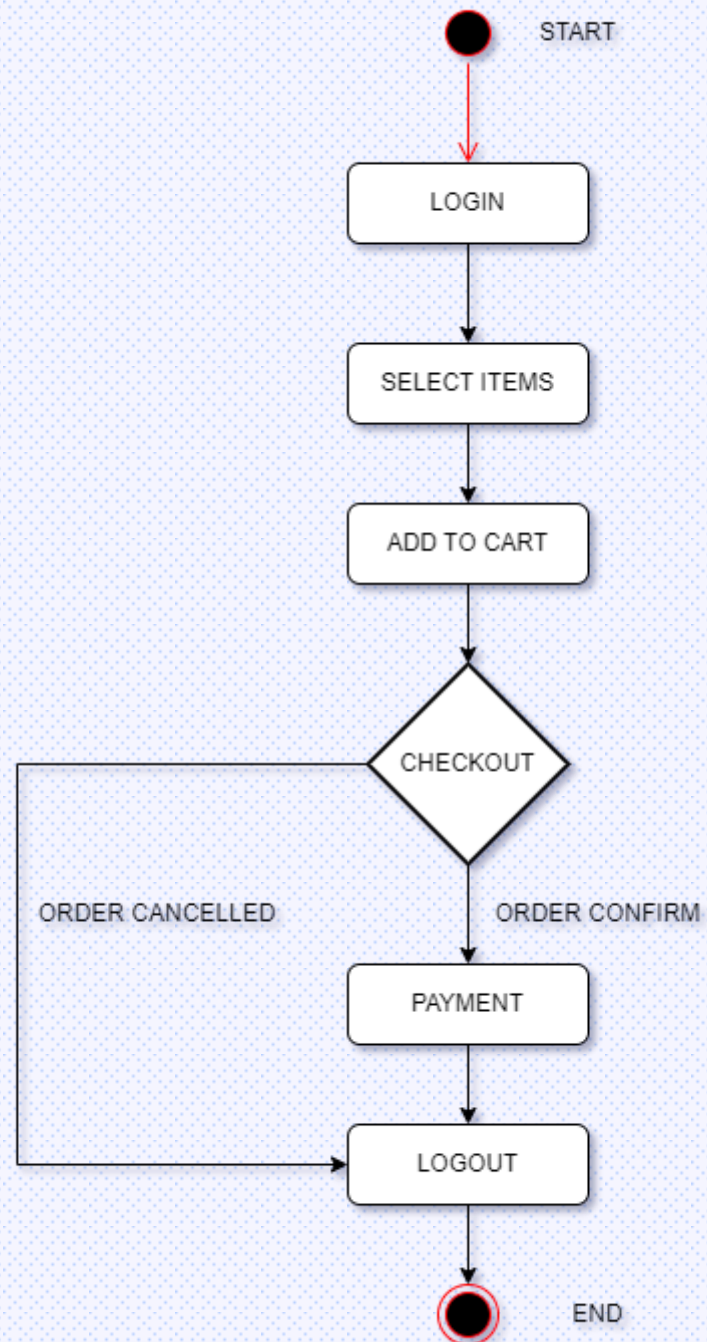
Class Diagram:



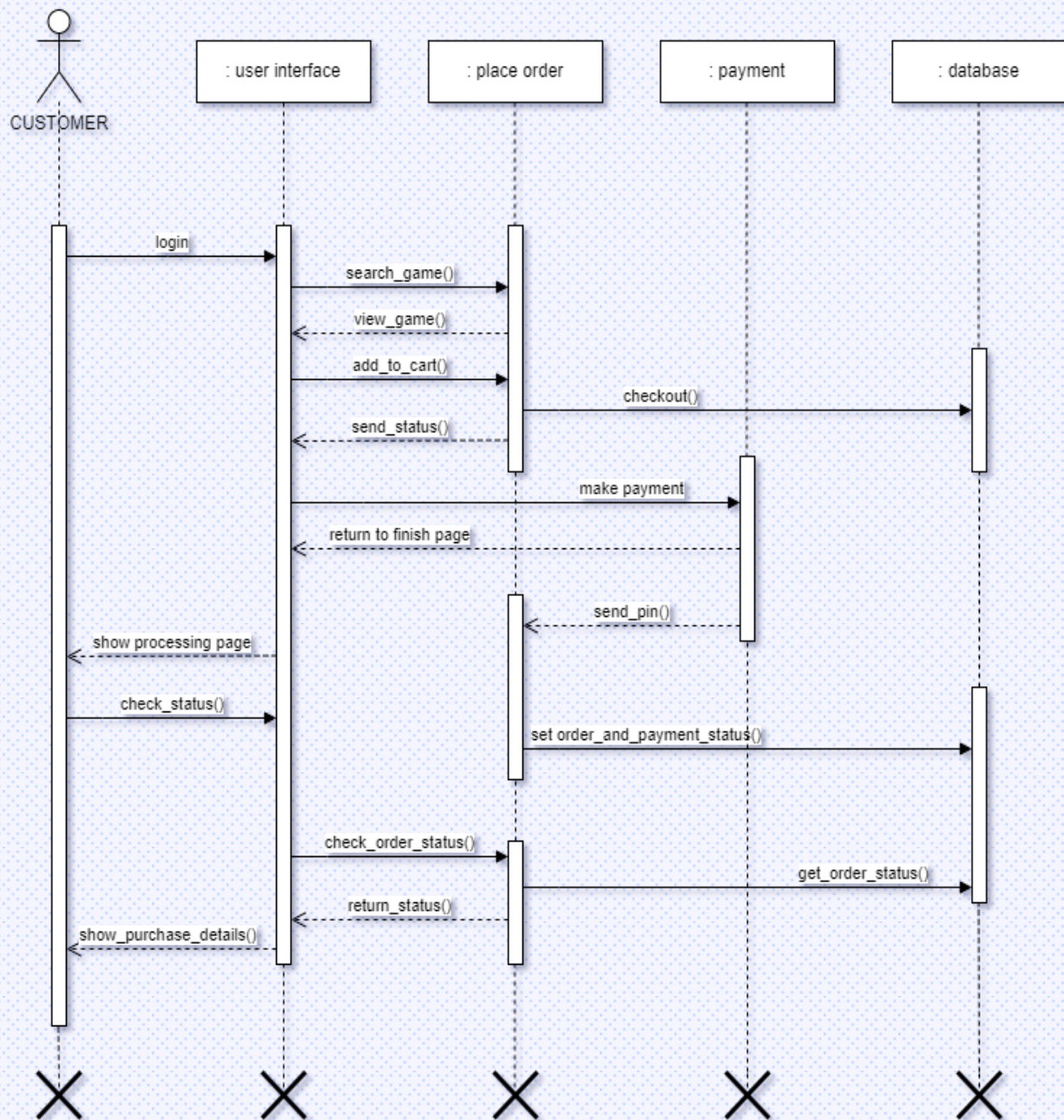
USE CASE Diagram:



Activity Diagram:



Sequence Diagram:



3.2) Data Dictionary

ADMINS COLLECTION

FIELD NAME	DATATYPE (SIZE)	CONSTRAINTS	SAMPLE DATA
admin_id	int (10)	unique	001
admin_unique_keyid	string (16)	unique	Uqpet14a7e5g6w5w
admin_name	string (20)	-	Administrator
admin_role	string (40)	-	superadmin
admin_email	string (20)	-	kartzed@ecommerce.com
admin_password	string (12)	-	admin@123
admin_image	image	-	Media/Image.png

CUSTOMERS COLLECTION

FIELD NAME	DATATYPE (SIZE)	CONSTRAINTS	SAMPLE DATA
cust_id	int (10)	unique	001
cust_unique_keyid	string (16)	unique	Go910a7e5g6w5w
cust_first_name	string (20)	-	Ram
cust_last_name	string (20)	-	xyz
cust_gender	string (6)	-	male/female
cust_email	string (20)	-	amazon@a.com
cust_phone_number	string (10)	-	9281634582
is_phone_verified	boolean	-	True
otp	int (6)	-	125478
cust_country	string (25)	-	India
cust_state	string (25)	-	Gujarat
cust_city	string (25)	-	Ahmedabad
cust_address	string (50)	-	Jivaraj Park
cust_balance	int (10)	-	2500

VENDORS COLLECTION

FIELD NAME	DATATYPE (SIZE)	CONSTRAINTS	SAMPLE DATA
vendor_id	INT (10)	UNIQUE	001
vendor_unique_keyid	STRING (16)	UNIQUE	001
vendor_fullname	STRING (20)	-	XYZ
vendor_password	STRING (12)	-	XYZ
vendor_email	STRING (20)	UNIQUE	KZed1@a.com
vendor_phone_number	STRING (10)	UNIQUE	8362547392
company_name	STRING (30)	UNIQUE	Riot Games
company_address	STRING (50)	-	Mumbai, India
company_phone_number	STRING (10)	UNIQUE	836253491
GSTIN	STRING (15)	UNIQUE	28362819
pickup_pincode	STRING (10)	-	380053
pickup_address	STRING (50)	-	Navi mumbai

USER_BALANCE_POINTS COLLECTION

FIELD NAME	DATATYPE (SIZE)	CONSTRAINTS	SAMPLE DATA
points_id	INT (10)	UNIQUE	123
points	INT (10)	-	3400
customer	STRING (100)	FOREIGNKEY	XYZ

PLATFORM COLLECTION

FIELD NAME	DATATYPE (SIZE)	CONSTRAINTS	SAMPLE DATA
platform_id	INT (10)	UNIQUE	123
platform_name	STRING (100)	UNIQUE	Play Station

FEATURES COLLECTION

FIELD NAME	DATATYPE (SIZE)	CONSTRAINTS	SAMPLE DATA
game_feature_id	INT (10)	UNIQUE	123
game_feature_name	STRING (25)	UNIQUE	Multiplayer

MODE COLLECTION

FIELD NAME	DATATYPE (SIZE)	CONSTRAINTS	SAMPLE DATA
game_mode_id	INT (10)	UNIQUE	123
game_mode_name	STRING (25)	UNIQUE	Battle Royale

CATEGORY COLLECTION

FIELD NAME	DATATYPE (SIZE)	CONSTRAINTS	SAMPLE DATA
game_category_id	INT (10)	UNIQUE	123
game_category_name	STRING (25)	UNIQUE	Adventure

OPERATING_SYSTEM COLLECTION

FIELD NAME	DATATYPE (SIZE)	CONSTRAINTS	SAMPLE DATA
os_id	INT (10)	UNIQUE	123
os_name	STRING (25)	UNIQUE	Windows

OS_VERSION COLLECTION

FIELD NAME	DATATYPE (SIZE)	CONSTRAINTS	SAMPLE DATA
version_id	INT (10)	UNIQUE	123
os_name	STRING (25)	FOREIGNKEY	Windows
version	STRING (50)	UNIQUE	Window 11

PROCESSOR COLLECTION

FIELD NAME	DATATYPE (SIZE)	CONSTRAINTS	SAMPLE DATA
processor_id	INT (10)	UNIQUE	123
os_name	STRING (25)	FOREIGNKEY	Windows
processor_name	STRING (50)	UNIQUE	Ryzen 5

VIDEOCARDS COLLECTION

FIELD NAME	DATATYPE (SIZE)	CONSTRAINTS	SAMPLE DATA
vc_id	INT (10)	UNIQUE	123
vc_name	STRING (50)	UNIQUE	Intel, AMD

VCVERSIONS COLLECTION

FIELD NAME	DATATYPE (SIZE)	CONSTRAINTS	SAMPLE DATA
vc_version_id	INT (10)	UNIQUE	123
vc_name	STRING (50)	FOREIGNKEY	Intel, AMD
vc_version_name	STRING (50)	UNIQUE	GeForce GTX

OFFER COLLECTION

FIELD NAME	DATATYPE (SIZE)	CONSTRAINTS	SAMPLE DATA
offer_id	INT (10)	UNIQUE	123
offer_name	STRING (100)	-	50% off...
offer_description	STRING (100)	-	Offer description
offer_tc	STRING (250)	-	Terms & Conditions

PLAN COLLECTION

FIELD NAME	DATATYPE (SIZE)	CONSTRAINTS	SAMPLE DATA
plan_id	INT (10)	UNIQUE	123
points	INT (10)	-	100
amount	INT (10)	-	125

GAMES COLLECTION

FIELD NAME	DATATYPE (SIZE)	CONSTRAINTS	SAMPLE DATA
gid	INT (10)	UNIQUE	123
product_key	STRING (16)	UNIQUE	Zuiop14q2er4tyo9
vendor_reference	STRING (20)	FOREIGNKEY	Riot Games
game_logo	IMAGE	-	Media/logo/valorant.jpg
game_name	STRING (255)	-	Valorant
game_description	STRING (255)	-	5v5 shooter game
game_developer	STRING (255)	-	Riot Games
game_publisher	STRING (255)	-	Riot Games
game_storage	STRING (255)	-	24GB
game_ram	STRING (255)	-	8GB
game_languages	JSON	-	English, Hindi
game_release_date	STRING (250)	-	23/4/2020
game_price	INT (10)	-	545
avail_stock	INT (10)	-	50
discount	STRING (250)	-	5%
game_points	INT (10)	-	450
game_features	JSON	-	Action
game_modes	JSON	-	Bomb Plant
game_categories	JSON	-	Multiplayer
platform_names	JSON	-	Windows, MacOS
os_names	STRING (250)	-	Window
os_versions	STRING (250)	-	Window 11
processors_names	STRING (250)	-	Ryzen 5
vc_names	STRING (250)	-	AMD
vc_versions	STRING (250)	-	GeForce GTX

GAME IMAGES COLLECTION

FIELD NAME	DATATYPE (SIZE)	CONSTRAINTS	SAMPLE DATA
game	STRING (250)	FOREIGNKEY	valorant
images	IMAGE	-	Media/games/image.png

VENDOR_CONTACT COLLECTIONS

FIELD NAME	DATATYPE (SIZE)	CONSTRAINTS	SAMPLE DATA
contact_id	INT (10)	INT (10)	123
contact_name	STRING (25)	-	user
contact_email	STRING (50)	EMAIL	user@gmail.com
contact_message	STRING (250)	-	Very Good UI

CART COLLECTION

FIELD NAME	DATATYPE (SIZE)	CONSTRAINTS	SAMPLE DATA
cart_id	INT (10)	-	45
cust_id	INT (10)	FOREIGNKEY	1
is_paid	Boolean	-	True

CARTITEM COLLECTION

FIELD NAME	DATATYPE (SIZE)	CONSTRAINTS	SAMPLE DATA
cart	INT (10)	FOREIGNKEY	45
game	INT (10)	FOREIGNKEY	15

CONTACT COLLECTION

FIELD NAME	DATATYPE (SIZE)	CONSTRAINTS	SAMPLE DATA
contact_id	INT (10)	UNIQUE	123
contact_name	STRING (25)	-	user
contact_email	STRING (50)	-	user@gmail.com
contact_message	STRING (250)	-	Fast Delivery

ORDER COLLECTION

FIELD NAME	DATATYPE (SIZE)	CONSTRAINTS	SAMPLE DATA
order_id	INT (10)	UNIQUE	123
order_placed_status	STRING (12)	-	Placed/pending
shipped_status	STRING (7)	-	Shipped/pending
delivered_status	STRING (9)	-	Delivered/pending

4) Development

4.1) Coding Standards

Naming conventions:

Use descriptive and meaningful names for variables, functions, classes, and files.

Use Snake Case for class names and Snake Case for function and variable names.

Use all lowercase letters for file names.

Code formatting:

Use 4 spaces for indentation.

Limit lines to a maximum of 80 characters.

Use single quotes for string literals unless a single quote appears within the string.

Database design:

Use MongoDB's schema less design to store game data.

Use appropriate data types for fields.

Use indexes to improve query performance.

Error handling:

Use try-except blocks to handle exceptions.

Testing:

Write unit tests for few functions and class.

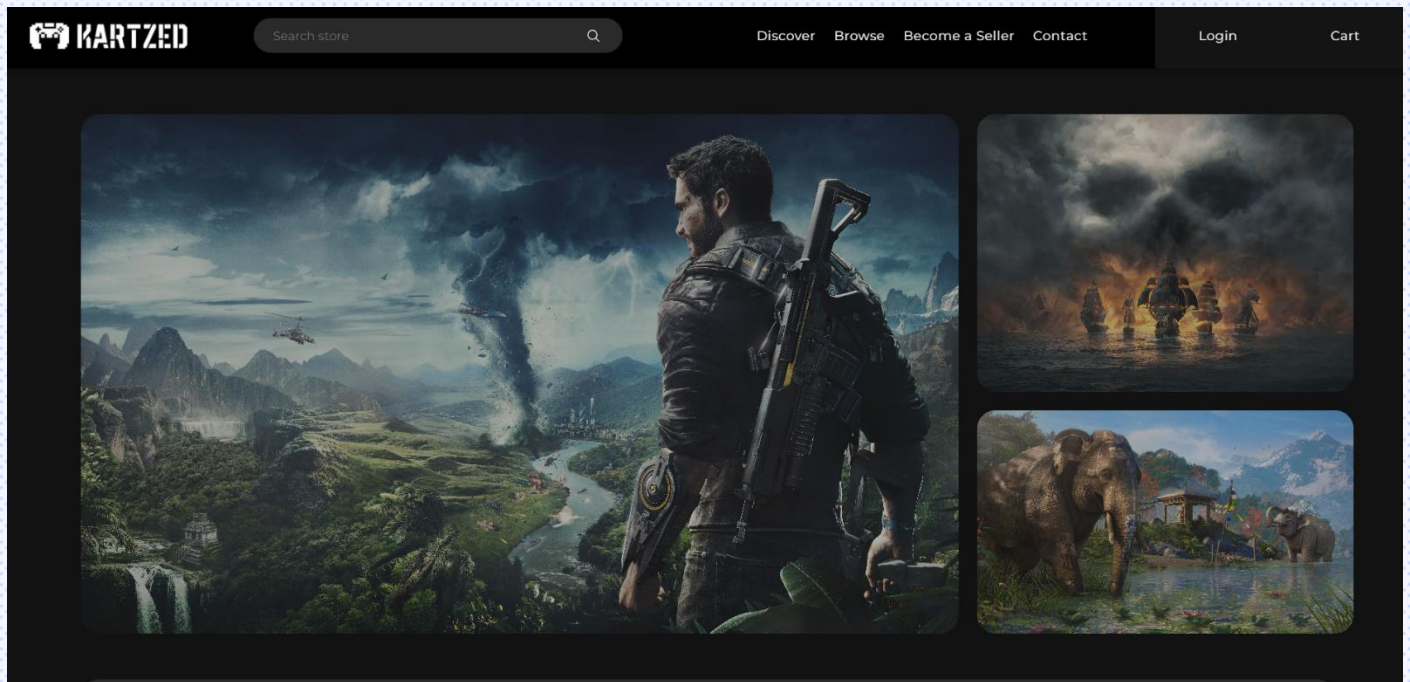
Documentation:

Use clear and descriptive comments for each function and class.

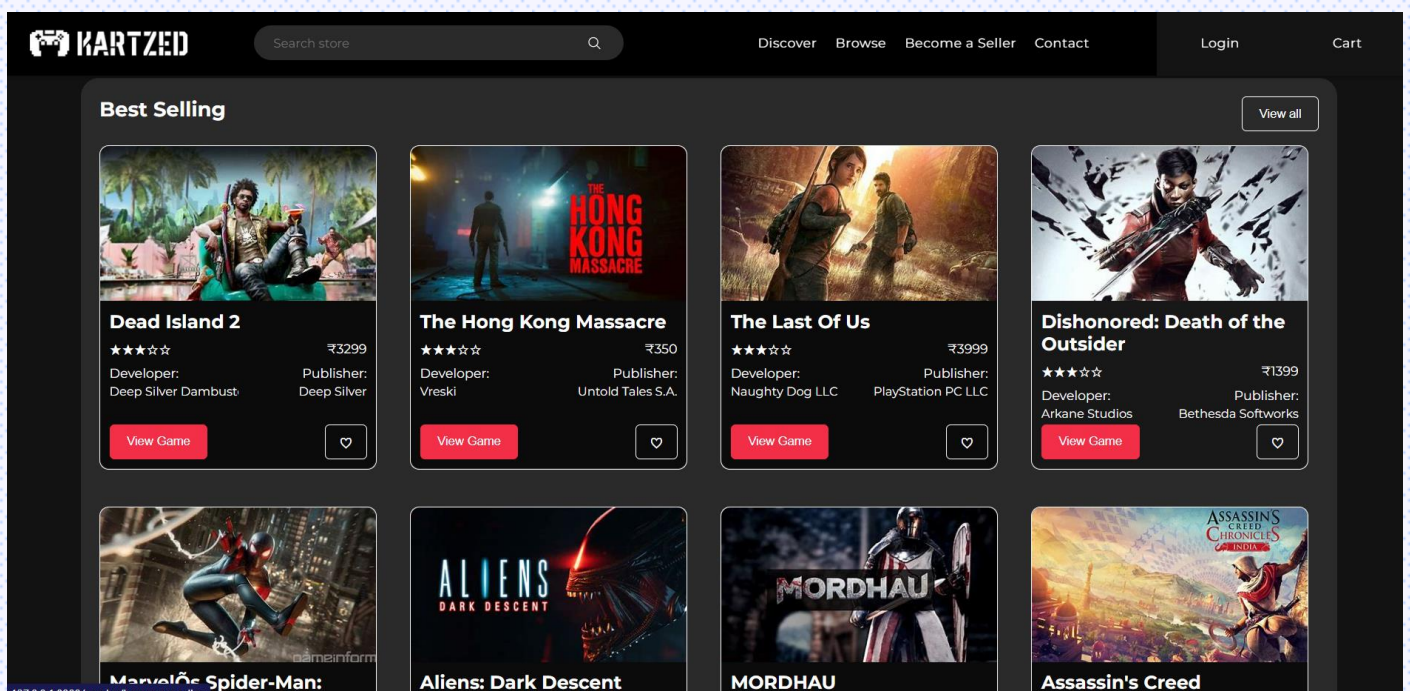
Use Draw.io, quill Bot or similar tools to generate documentation.

4.2) Screenshot

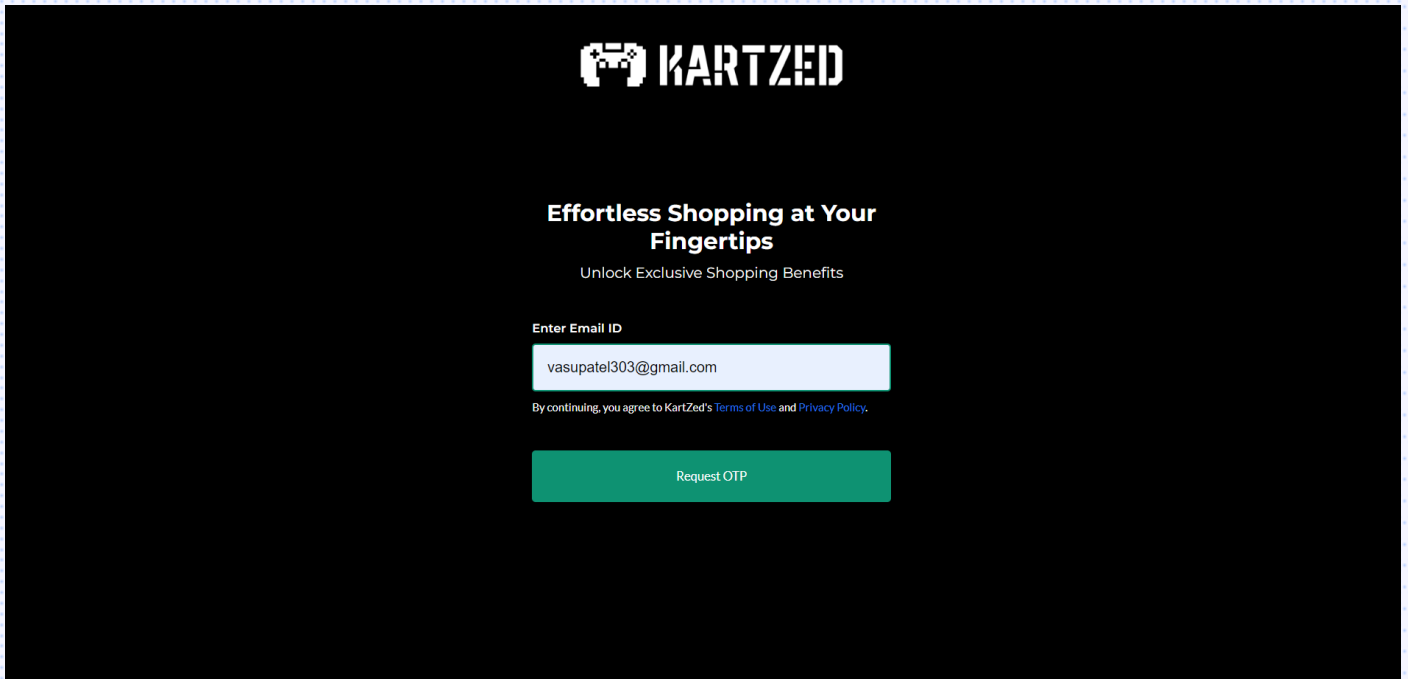
Homepage



Browse Page



Customer Login Page

The image shows a customer login page for 'KartZed'. The page has a black background. At the top center is the 'KartZed' logo, which consists of a white game controller icon followed by the word 'KARTZED' in a bold, white, sans-serif font. Below the logo, the text 'Effortless Shopping at Your Fingertips' is centered in a white, sans-serif font. Underneath this, the text 'Unlock Exclusive Shopping Benefits' is centered in a smaller, white, sans-serif font. Further down, the text 'Enter Email ID' is centered in a small, white, sans-serif font. Below this text is a white rectangular input field containing the email address 'vasupatel303@gmail.com'. Under the input field, the text 'By continuing, you agree to KartZed's Terms of Use and Privacy Policy.' is centered in a small, white, sans-serif font. At the bottom of the form is a green rectangular button with the text 'Request OTP' in a white, sans-serif font.

Verify OTP page (for login)



OTP Verification

Enter OTP

OTP|

Don't you get the OTP? Click [Resend OTP](#)

60 sec.

CONTINUE

Customer Profile Page



Search store



Discover

Browse

Become a Seller

Account

Contact

Logout

Cart

Current Balance Points: 9942951

[Buy Points](#)



Hello, Vasu

[Cancel](#)

Personal Information

Vasu

Sidapara

Email Address

vasupatel303@gmail.com


Phone Number

9313645877

Gender: ☒ Male ☐ Female ☐ Other

[save](#)

Product Page



Search store

Q

DiscoverBrowseBecome a SellerAccountContact

LogoutCart

[Go Back](#)

Dead Island 2

A deadly virus is spreading across Los Angeles, turning inhabitants into zombies. Bitten, infected, but more than just immune, uncover the truth behind the outbreak and discover who -or what- you are.

Developer: [Deep Silver](#) [Dambuster Studios](#)Storage: **70GB**
Publisher: [Deep Silver](#)RAM: **4GB**
Price: ₹3299Release Date: **04/21/23**
Discount: **34%**

Category: [Dynamic weather](#) [Permadeath](#) [Photo mode](#)


Features: [Co-op](#) [Controller](#) [Support](#) [Multiplayer](#) [Single Player](#)

Modes: [Action](#) [Horror](#)

Languages (Audio & Video):
English, French, Italian, German, Spanish, Portuguese, Russian, Polish, Korean, Chinese, Czech, Japanese.

[Add to Cart](#)

Cart Page




Search store

Q

DiscoverBrowseBecome a SellerAccountContact

LogoutCart

Contact Page



[Discover](#) [Browse](#) [Become a Seller](#) [Contact](#)

[Login](#) [Cart](#)

Have a question? We're here to help!

Username

Email ID

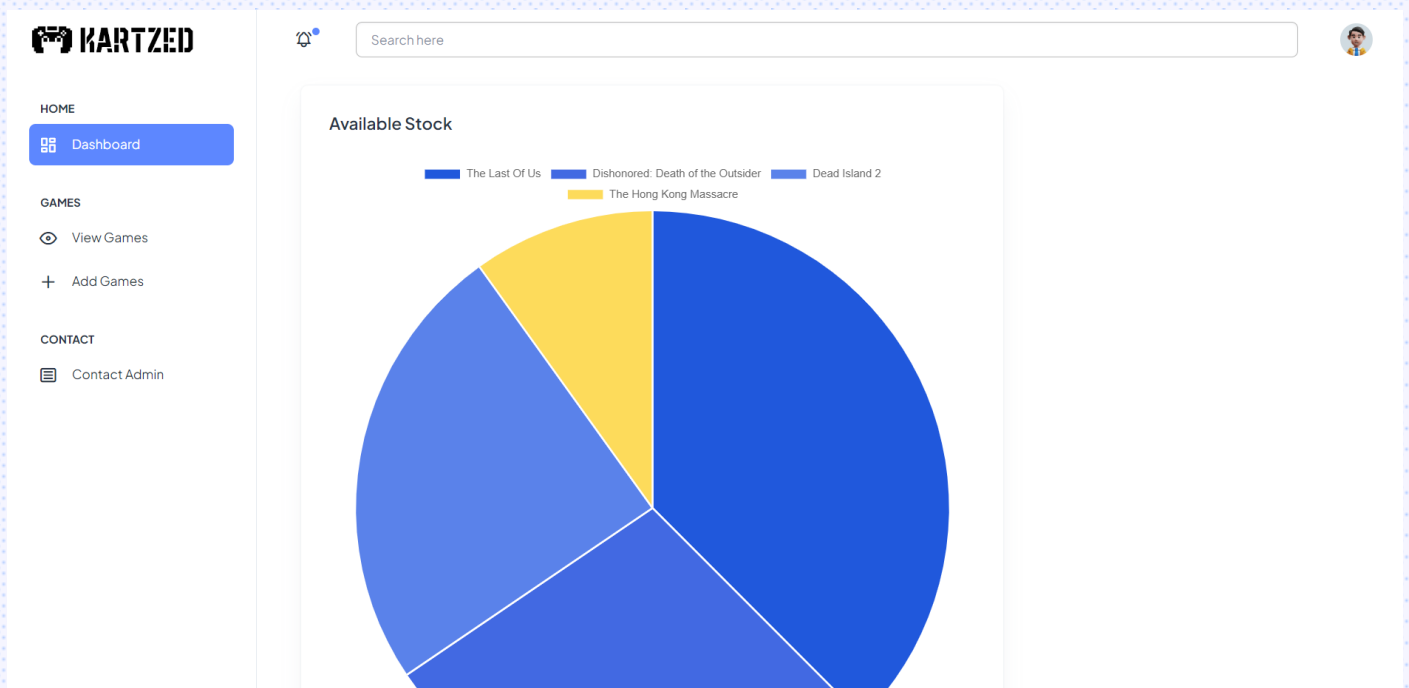
Please leave your message here

We'd love to hear from you. Write your thoughts below.


Send Message

Vendor

Vendor Dashboard



Vendor Login Page


Login. Manage. Succeed


Email

Password

☒ Remeber this Device [Forgot Password?](#)

Sign In

Vendor Registration Form (1)

 [Already Registered? login](#)

Register to Sell Games Online

Vendor Contact Information

Display name

Mobile number

Email address

Create Password

Company Details

Company name

Company contact number

Company address

GSTIN no.

GSTIN no.

Vendor Registration Form (2)

GSTIN no.

Pickup Details

Bypass

Vendor Add Games



HOME

[Dashboard](#)

GAMES

[View Games](#)[+ Add Games](#)

CONTACT

[Contact Admin](#)

Add Game

No file chosen

choose image of game Logo

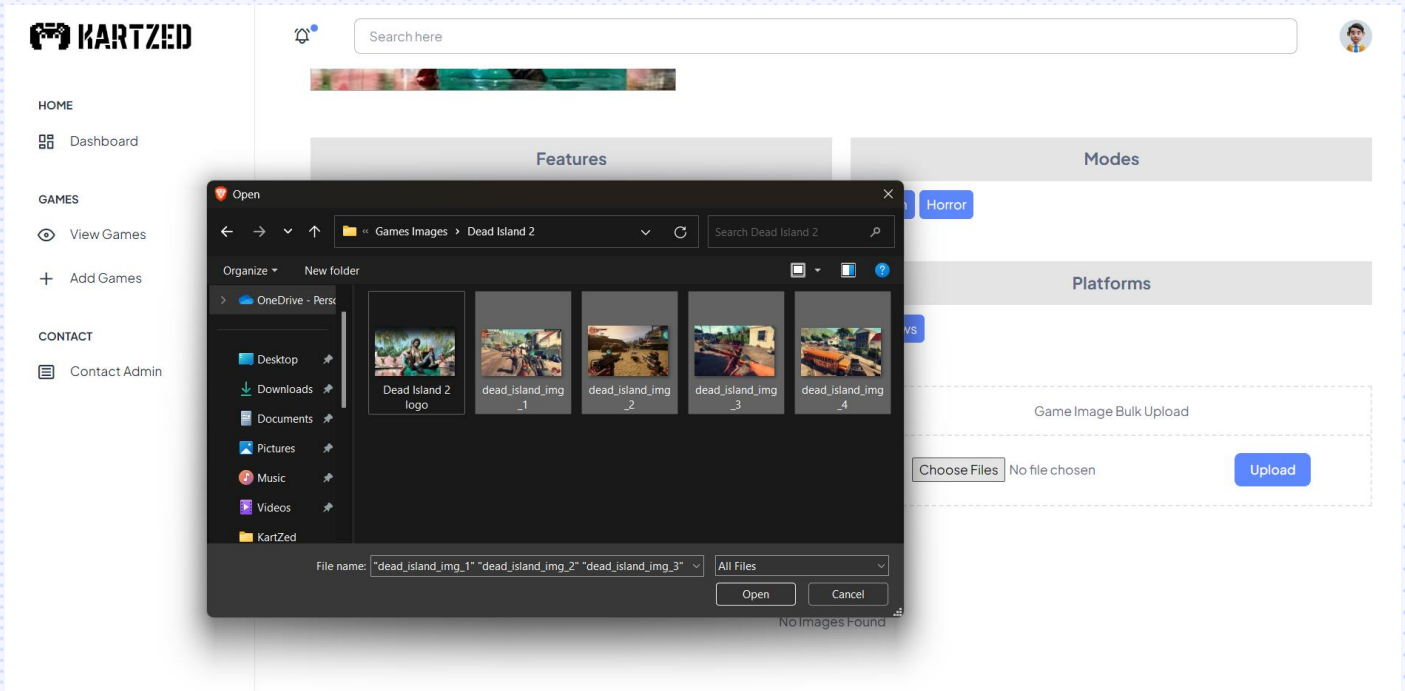
No file chosen

Select Game Features

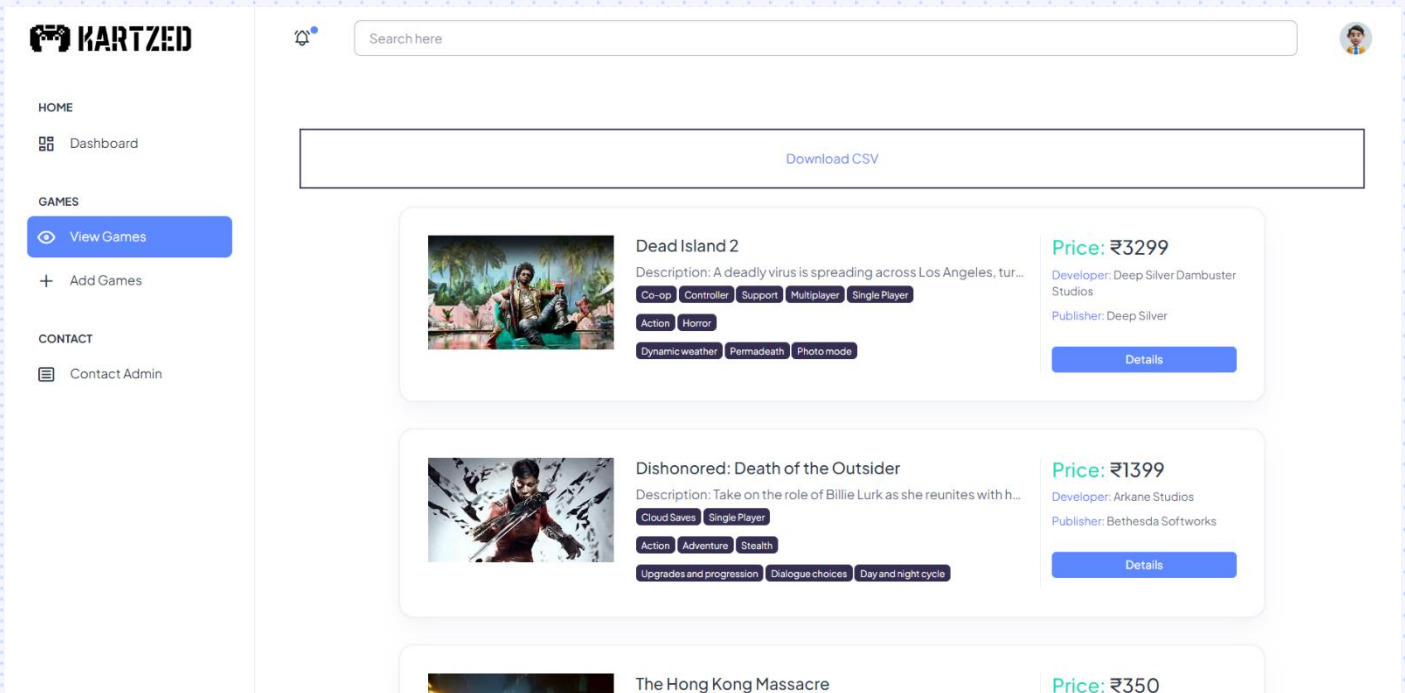
☐ Co-op☐ Cross-Platform☐ Multiplayer☐ Single Player

Select Game Modes

Bulk Image Upload



Vendor Show all Games



View Game Details

HOME

Dashboard

GAMES

View Games

Add Games

CONTACT

Contact Admin

Search here

Dead Island 2

[Delete Game](#)

A deadly virus is spreading across Los Angeles, turning inhabitants into zombies. Bitten, infected, but more than just immune, uncover the truth behind the outbreak and discover who – or what – you are.

RAM: 4GB

Storage: 70GB

Developer: Deep Silver Dambuster Studios

Publisher: Deep Silver

Price: ₹3299

Discount: 34%

Available Stock: 57

Release Date: 04/21/23

Features

Co-opControllerSupportMultiplayerSingle Player

Modes

ActionHorror

Categories

Dynamic weatherPermadeathPhoto mode

Platforms

Widows

Languages

EnglishFrenchItalianGermanSpanishPortugueseRussianPolish

Game Image Bulk Upload

Choose FilesNo file chosenUpload

Vendor Contact Page

HOME

Dashboard

GAMES

View Games

Add Games

CONTACT

Contact Admin

Search here

Contact Us

Enter Name

Enter your Name

Enter Email

Enter email address

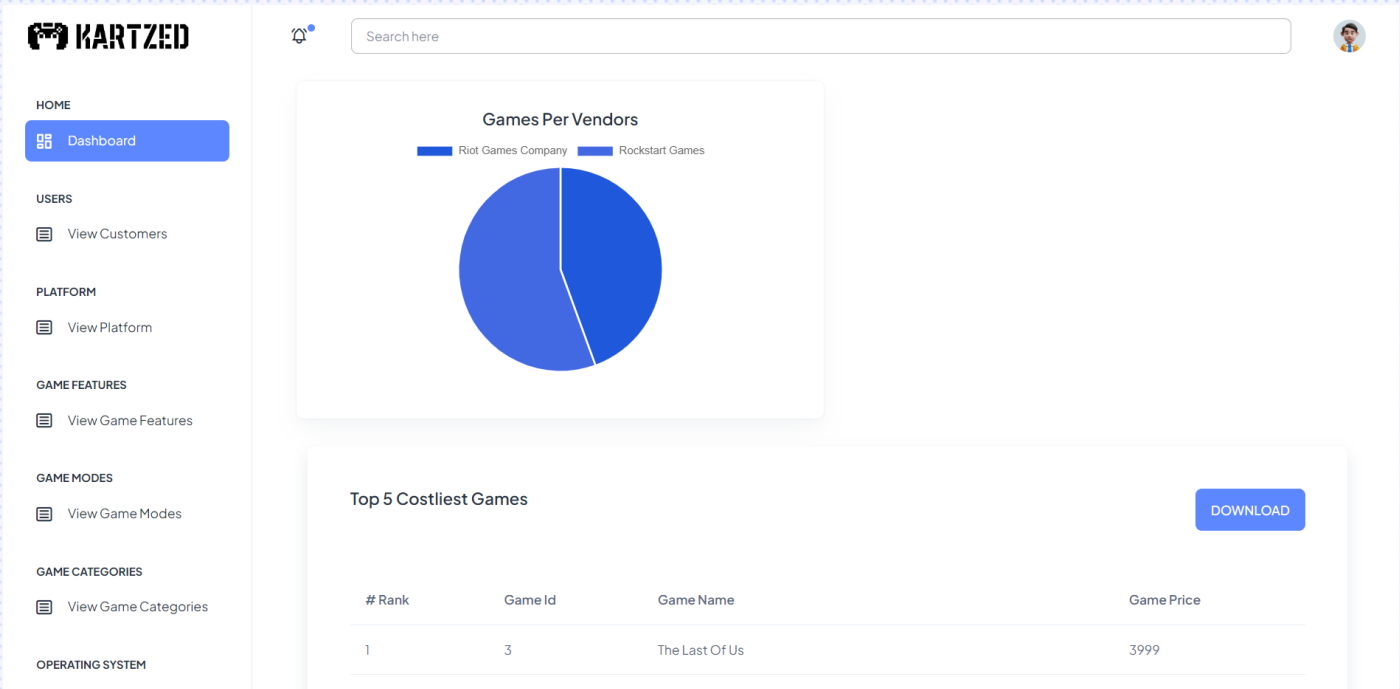
Enter your text

Please enter your message

Send

Administrator

Administrator Dashboard



Admin Login Page

Login. Manage. Succeed

Email

Password

Change Password ?

Forgot Password ?

SignIn

Admin Change Password



Change Password here...

Email

Old Password

Password

Confirm Password

Change Password

Forgot Password



Forgot your Password, No worries. You can change here.

Enter Email to get OTP.

Request OTP



Forgot your Password, No worries. You can change here.

Enter OTP. vasupatel303@gmail.com

123456

Verify OTP



Change Password here...

New Password

Change Password

Show Reports



Search here



HOME

Dashboard

USERS

View Customers

PLATFORM

View Platform

GAME FEATURES

View Game Features

GAME MODES

View Game Modes

GAME CATEGORIES

View Game Categories

OPERATING SYSTEM

Top 5 Costliest Games

DOWNLOAD

# Rank	Game Id	Game Name	Game Price
1	3	The Last Of Us	3999
2	5	MarvelŌs Spider-Man: Miles Morales	3299
3	1	Dead Island 2	3299
4	9	HITMAN World of Assassination	2509
5	6	Aliens: Dark Descent	1999

View Customers

HOME

Dashboard

USERS

View Customers

PLATFORM

View Platform

GAME FEATURES

View Game Features

GAME MODES

View Game Modes

GAME CATEGORIES

View Game Categories

OPERATING SYSTEM

Search here

View Customers

sr no.	User Name	Email Id	Phone Number	Gender
1	Vasu Sidapara	vasupatel303@gmail.com	9313645877	Male
2	Bhavin Kalal	bhavinkalal3118@gmail.com	7845126992	Male
3	Varad Joshi	varad@teddy.com	9245745877	Male
4	Aditya Shah	ad99897969@gmail.com	7480009885	Male
5	Yash Prajapati	yashprajapati992000@gmail.com	8900475604	Male

Game Platforms

HOME

Dashboard

USERS

View Customers

PLATFORM

View Platform

GAME FEATURES

View Game Features

GAME MODES

View Game Modes

GAME CATEGORIES

View Game Categories

OPERATING SYSTEM

Search here

Add platform

Enter platform

e.g. Windows, Mac OS..

add platform

Game Modes

Mac OS


Nintendo

Play Station

Windows

X-Box

Game Features



HOME

Dashboard

USERS

View Customers

PLATFORM

View Platform

GAME FEATURES

View Game Features


GAME MODES

View Game Modes


GAME CATEGORIES

View Game Categories

OPERATING SYSTEM



Search here



Add Game Features

Enter Game Feature

SinglePlayer, Co-op, CrossPlatformPlay etc.

add feature

Single Player

Co-op

Cross-Platform

Multiplayer

boom

Game Features


Co-op

Cross-Platform

Multiplayer

Single Player

Game Modes



HOME

Dashboard

USERS

View Customers

PLATFORM

View Platform

GAME FEATURES

View Game Features


GAME MODES

View Game Modes


GAME CATEGORIES

View Game Categories

OPERATING SYSTEM



Search here



Add Game Modes

Enter Game Modes

Campaign, Open world, Battle Royle etc.

add game m

Open World

Campaign

Battle Royale

Role Playing

Game Modes

Battle Royale


Campaign

Open World

Role Playing

Page 43 of 59

Game Categories



HOME

Dashboard

USERS

View Customers

PLATFORM

View Platform

GAME FEATURES

View Game Features

GAME MODES

View Game Modes

GAME CATEGORIES

View Game Categories

OPERATING SYSTEM

Search here

Add Game Categories

Enter Game Category

Adventure, Action, Casual etc.

add category

Adventure

Action


Casual

Casino

Game Categories

Action		Adventure		Casual		Casino	

Game Operating Systems



HOME

Dashboard

USERS

View Customers

PLATFORM

View Platform

GAME FEATURES

View Game Features

GAME MODES

View Game Modes

GAME CATEGORIES

View Game Categories

OPERATING SYSTEM

Search here

View OS & Versions

Mac OS	Windows	Linux
macOS Big Slur	Window 7	Ubuntu
OS X Mountain Lion	Window 8	

Add Operating Systems

Enter Operating System

Windows, Mac OS etc.

add Operati

Mac OS

Windows

Linux

random

Game Processors

HOME

Dashboard

USERS

View Customers

PLATFORM

View Platform

GAME FEATURES

View Game Features

GAME MODES

View Game Modes

GAME CATEGORIES

View Game Categories

OPERATING SYSTEM

Search here

Add Processors

Select OS

Mac OS

Enter Processor

Intel's Core i7, AMD's Ryzen 9, and Apple's M1 etc.

add process

Intel Core i-3-10100F

AMD's Ryzen 9

Apple's M1

Processors

Intel Core i-3-10100F

AMD's Ryzen 9

Apple's M1

Game Video Card

View Game Categories

OPERATING SYSTEM

View Operating Systems

PROCESSROS

View Processros

VIDEOCARDS

View VideoCards

OFFERS

View Offers

CONTACT US

View Contact Us

PLANS

View Plans

Search here

View VC & Versions

Intel

NVIDIA

Intel HD 4000

GeForce GT 710

Add Video Cards


Enter VideoCard

NVIDIA's GeForce RTX 3080, AMD's Radeon RX 6900 XT, Intel's Iris Xe, etc.

add videocard

Add VC Version

Add Offers



HOME

Dashboard

USERS

View Customers

PLATFORM

View Platform

GAME FEATURES

View Game Features


GAME MODES


View Game Modes

GAME CATEGORIES

View Game Categories

OPERATING SYSTEM





Add Offer

Enter Offer

Enter Description


Enter Terms & Conditions

add offer

Offers

ID	Offer Name	Offer Description	Offer Terms & Conditions	Delete
----	------------	-------------------	--------------------------	--------

Add Balance Points Plan



HOME

Dashboard

USERS

View Customers

PLATFORM

View Platform

GAME FEATURES

View Game Features


GAME MODES


View Game Modes

GAME CATEGORIES

View Game Categories

OPERATING SYSTEM





Enter Plan Points

add plan

Points Plan

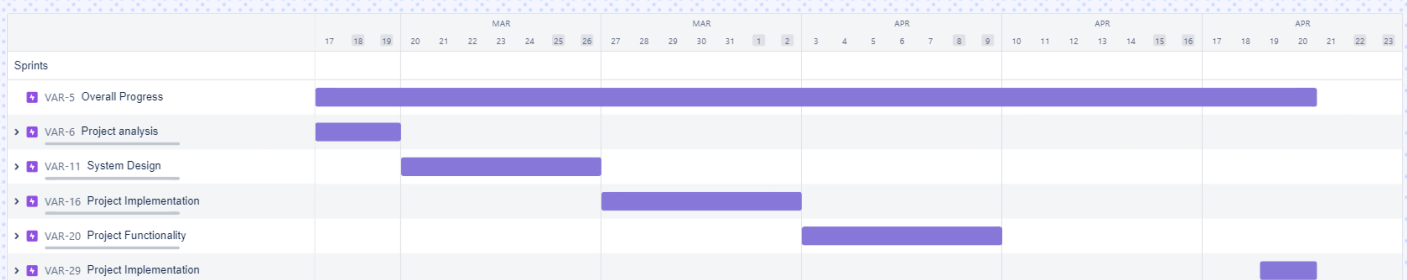
<div>475 Points</div> <div>₹594</div>	<div>1000 Points</div> <div>₹1250</div>	<div>2050 Points</div> <div>₹2562</div>
<div>3650 Points</div> <div>₹4562</div>	<div>5350 Points</div> <div>₹6688</div>	<div>11000 Points</div> <div>₹13750</div>

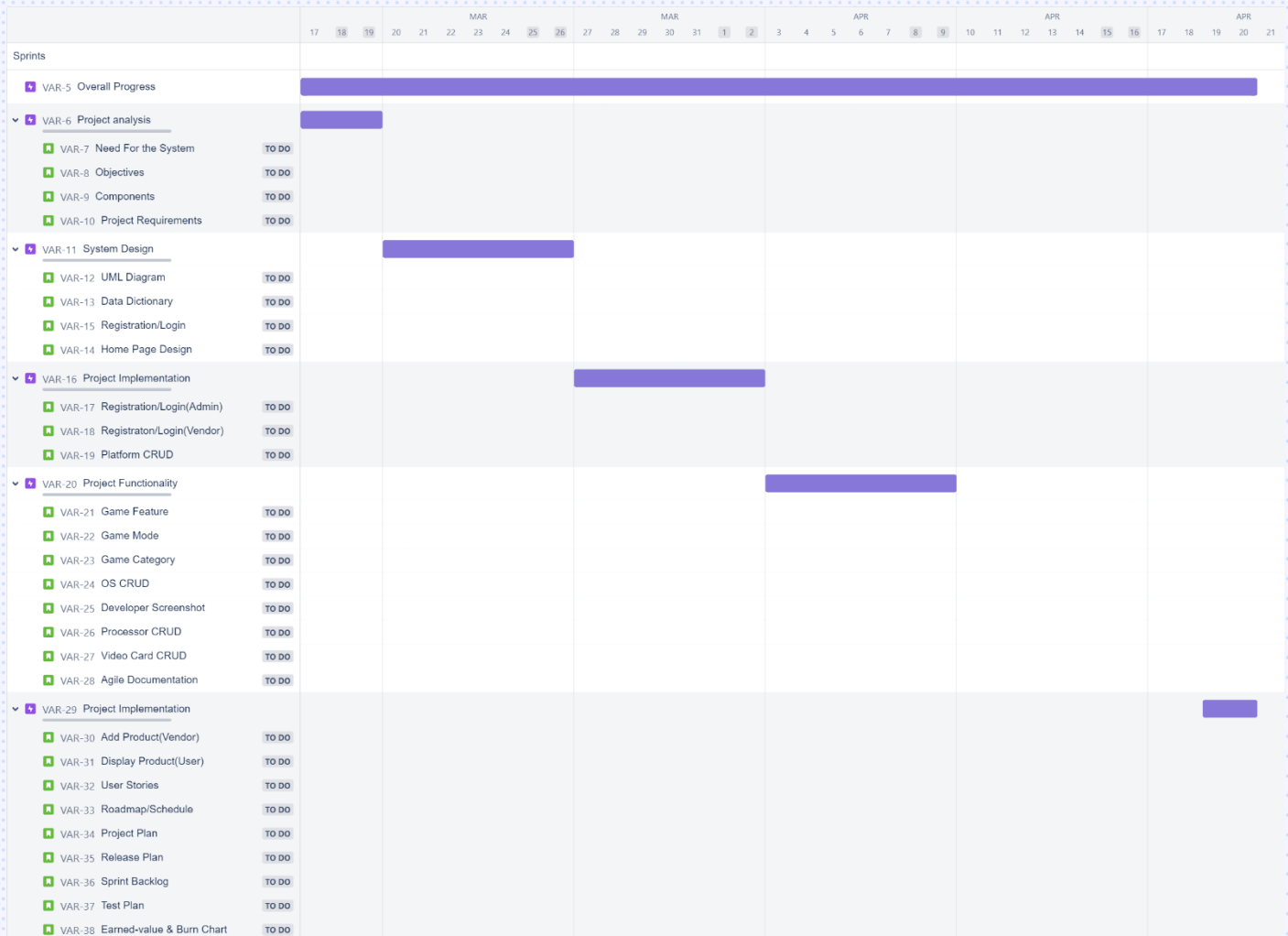
5) Agile Documentation:

5.1) Agile Project Charter

MSSION	One stop solution Simple navigation Quick product display Increase in availability Ease user task by 60-70%
VISION	Provide all required to customers what they needed all over nation
SCOPE	The scope of the project includes the entire gaming community up to all boundaries. Its expandable to new games creation and launch.

5.2) Roadmap/Schedule





5.3) Project Plan

Sr No.	Date	Module	Author	Status
1	26/03/2023	Basic Project Created	Vasu	Done
2	26/03/2023	Admin: Login	Vasu	Done
3	26/03/2023	Vendor: Register	Vasu	Done
4	26/03/2023	Vendor: Login	Vasu	Done
5	26/03/2023	Customer: Login	Vasu	Done
6	26/03/2023	Email Verification	Vasu	Done
7	28/03/2023	Admin: Change Password	Vasu	Done
8	28/03/2023	Admin: Forgot Password	Vasu	Done
9	29/03/2023	Admin: Logout	Vasu	Done
10	29/03/2023	Vendor: Logout	Vasu	Done
11	29/03/2023	Customer: Logout	Vasu	Done
12	01/04/2023	Admin: Dashboard	Vasu	Done
13	01/04/2023	Admin: Dashboard - View Reports	Bhavin	Done
14	01/04/2023	Admin: View Customers	Bhavin	Done
15	03-04-2023	Admin: Dashboard - Download PDF	Vasu	Done
16	04/04/2023	Admin: Platform (CRUD)	Bhavin	Done

17	04/04/2023	Admin: Game Features (CRUD)	Bhavin	Done
18	04/04/2023	Admin: Game Modes (CRUD)	Bhavin	Done
19	05/04/2023	Admin: Game Categories (CRUD)	Bhavin	Done
20	05/04/2023	Admin: Operating System (CRUD)	Vasu	Done
21	07/04/2023	Admin: Processor (CRUD)	Bhavin	Done
22	07/04/2023	Admin: Video Card (CRUD)	Bhavin	Done
23	10/04/2023	Admin: Offers (CRUD)	Bhavin	Done
24	11/04/2023	Admin: Balance Points Plan (CRUD)	Bhavin	Done
25	12/04/2023	Admin: View Contacts (CRUD)	Varad	Done
26	13/04/2023	Vendor: Add Games - Form	Vasu	Done
27	15/04/2023	Vendor: Add Games - CSV/Excel Upload	Vasu	Done
28	15/04/2023	Vendor: View Uploaded Games	Vasu	Done
29	16/04/2023	Vendor: Download Uploaded Games (csv/excel)	Vasu	Done
30	16/04/2023	Vendor: Bulk Image Upload (Games)	Vasu	Done
31	17/04/2023	Vendor: Delete Games	Vasu	Done
32	17/04/2023	Vendor: Contact Admin	Varad	Done
33	18/04/2023	Vendor: Dashboard - View Reports	Varad	Done
34	18/04/2023	Customer: Homepage	Vasu	Done
35	19/04/2023	Customer: Browse Games	Varad	Done
36	19/04/2023	Customer: Search Games	Varad	Done
37	20/04/2023	Customer: Filter Games	Varad	Done
38	21/04/2023	Customer: Product Page	Varad	Done
39	21/04/2023	Customer: View Profile	Varad	Done
40	22/04/2023	Customer: Update Profile	Vasu	Done
41	24/04/2023	Customer: Buy Balance Points	Bhavin	Done
42	26/04/2023	Customer: Add to Cart	Bhavin	Done
43	28/04/2023	Customer: View Cart	Bhavin	Done
44	01/05/2023	Customer: Checkout	Bhavin	Done
45	01/05/2023	Customer: Contact Admin Customer	Varad	Done
46	02/05/2023	Track Purchase Order	Varad	Not Done

5.4) User Stories

User	Action	Value
As a User	I want to register	So that I register
As a User	I want to login	So that I logged in
As a User	I want to select game	So, I select a game
As a User	I want to add to cart a game	So, I added game to my cart
As a User	I want to buy a game	So, I got to purchase page
As a User	I want to purchase a game	So, I purchased a game
As a User	I want to search game	So, I enter input in search bar

As a User	I want to filter game	So, I select filter
As a Vendor	I want to add product	So, I fill the form
As a Vendor	I want to view product	So, Click on view product
As a Vendor	I want to Contact admin	So, I fill the contact form
As an admin	I want to logged in	So, I fill the form
As an admin	I want to add platform	So, I fill the form
As an admin	I want to add features	So, I fill the form
As an admin	I want to add modes	So, I fill the form
As an admin	I want to add categories	So, I fill the form
As an admin	I want to add OS Versions	So, I fill the form
As an admin	I want to add processors	So, I fill the form
As an admin	I want to add Video Cards	So, I fill the form
As an admin	I want to add offers	So, I fill the form
As an admin	I want to contact	So, I fill the form

5.5) Release Plan

TASK NAME	DURATION	START	FINISH	STATUS	RELEASE DATE
Admin Side/Vendor Side/Customer Side: -Login/Registration -Logout	3 days	17/03/2023	19/03/2023	complete	20/03/2023
Admin Side: -Platform CRUD -Game Features CRUD -Game Modes CRUD -Game Categories CRUD	7 days	20/03/2023	26/03/2023	complete	27/03/2023

Admin Side: -OS & Versions CRUD -Processors CRUD -VC & Versions CRUD -Offer CRUD	7 days	27/03/2023	02/04/2023	complete	03/04/2023
Admin Side: -Plan CRUD Vendor Side: -Game CRUD	7 days	03/04/2023	09/04/2023	complete	10/04/2023
Vendor Side: -Contact CRUD Customer Side: -Index Page -Browse Page -View Game Details	7 days	10/04/2023	16/04/2023	complete	17/04/2023
Customer Side: -Profile Page -Contact Page -Search Module	7 days	19/04/2023	23/04/2023	Complete	24/04/2023
Customer Side: -Buy Points Admin Side: -Reports Vendor Side -Reports	7 days	24/04/2023	30/04/2023	Complete	01/05/2023

5.6) Agile Sprint Backlog

Task Name	Duration	Story	Sprint ready	Priority High	Story Point	Status
User Side						
Login	1D	Yes	Yes	High	10	Complete
Dashboard	2D	Yes	Yes	High	10	Complete
Show product	1D	Yes	Yes	Low	5	Complete
Vendor Side						
Dashboard	1D	No	Yes	High	10	Complete
Add product	2D	Yes	Yes	High	10	Complete
View product	2D	Yes	Yes	Medium	7	Complete

Admin Side						
Dashboard	1D	No	Yes	High	10	Complete
Platform	1D	Yes	Yes	Medium	6	Complete
Feature	2D	Yes	Yes	Medium	6	Complete
Type	1D	Yes	Yes	Medium	6	Complete
Operating System	2D	Yes	Yes	Medium	6	Complete
Processor	1D	Yes	Yes	Medium	6	Complete
Video Card	2D	Yes	Yes	Medium	6	Complete
RAM	1D	Yes	Yes	Medium	6	Complete
Offers	2D	Yes	Yes	Low	3	Complete
Contact	1D	Yes	Yes	Low	3	Complete
Languages	2D	No	Yes	Medium	2	Complete
Cart	4D	No	Yes	High	3	Complete
Purchase	3D	No	Yes	High	4	Complete

5.7) Testing Plan

Project Name: KartZed

Test Case Id: 1

Module Name: Login module

Test Title: Login user

Device/Browser: Lenovo Y540

Execution Date: 20/04/2023

No	Test step	Action	Expected Result	Actual Result	Status
1	Navigating Login page	Add URL in browser	Redirect Login Page	Redirect Login Page	Pass
2	Enter login mail	Send mail to user	User get OTP in mail	User get OTP in mail	Pass
3	Verify Email	Match user OTP with send OTP	Verify the user OTP	Verify the user OTP	Pass
4	Enter Details	Send email detail to server	Email recorded in server	Email recorded in server	Pass

Project Name: KartZed

Test Case Id: 2

Module Name: Add Product

Test Title: Add Game from vendor

Device/Browser: Lenovo Y540

Execution Date: 24/04/2023

No	Test step	Action	Expected Result	Actual Result	Status
----	-----------	--------	-----------------	---------------	--------

1	Navigating add game page	Add URL in browser	Redirect add game Page	Redirect add game Page	Pass
2	Enter form details	Send details to server	Details sent to database	Details sent to database	Pass
3	Detail recorded	Details recorded in database	Recorded in database	Recorded in database	Pass

Project Name: KartZed

Test Case Id: 3

Module Name: Confirm checkout

Test Title: Login user

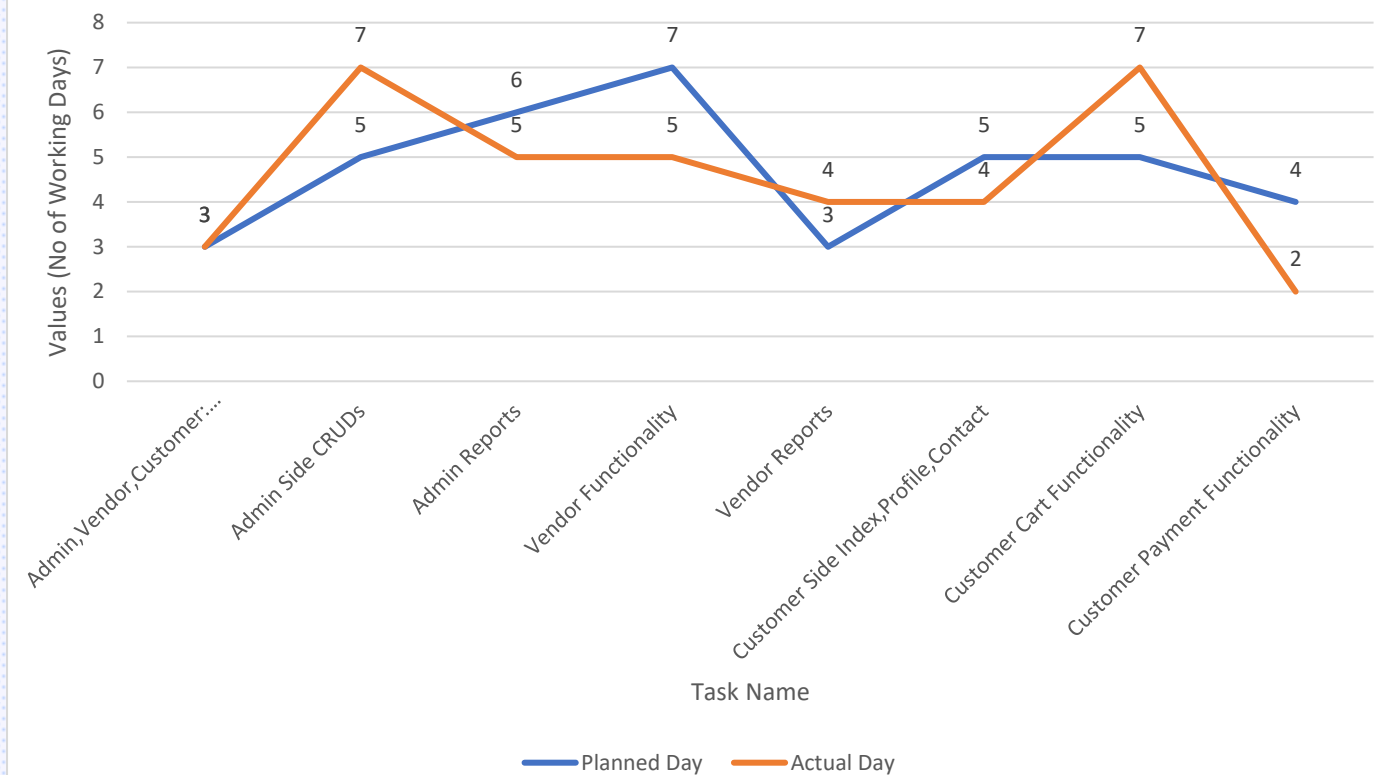
Device/Browser: Lenovo Y540

Execution Date: 24/04/2023

No	Test step	Action	Expected Result	Actual Result	Status
1	Navigating Index page	Add URL in browser	Redirect Index Page	Redirect Index Page	Pass
2	Select Game	Click Add to Cart	Game get Add to Cart	Game get Add to Cart	Pass
3	Detail Recorded	Details recorded in database	Recorded in database	Recorded in database	Pass
4	Navigating Cart Page	Add URL in browser	Redirect Cart Page	Redirect Cart Page	Pass
5	View Cart Page	Check Cart	Confirm Cart to Checkout	Confirm Cart to Checkout	Pass

5.8) Earned Value & Burn Chart

Comparison of Planned Day and Actual Day Working Progress



6) FUTURE WORK

- Personalized recommendations
- User reviews and ratings
- Mobile app development
- Social media integration
- Achievements
- AI-powered customer service

7) BIBLIOGRAPHY

Links:

- <https://www.w3schools.com/django/>
- <https://www.javatpoint.com/django-tutorial>
- <https://www.djangoproject.com/>
- <https://stackoverflow.com/>

Books:

- Django Essentials
- Samuel Dauzon