# Faculty of Computer Applications & IT

## GLS UNIVERSITY

# "GLAMIFY"

**Elevate Your Beauty with Glamify.**

## Project Report

Submitted as Partial Fulfilment of

Master of Computer Application
Semester-IV

**Developed at**

Saubhagyam Web Pvt. Ltd.

**Developed by**

Naman Doshi (202200719010026)

**Under Guidance of**

Prof. Kartik Joshi, FCAIT

Mr. Prashant Shastri, Saubhagyam Web Pvt. Ltd.

# PROJECT PROFILE

| | |
|---|---|
| **Project Title:** | Glamify Ecommerce |
| **Description:** | Glamify Is a State-of-the-art E-commerce Platform Designed to Revolutionize the Beauty and Wellness Shopping Experience. As A Comprehensive Web Application, Ios App, And Android App Project. |
| **Aim:** | **PERSONALIZED BEAUTY SOLUTIONS FOR B2B PARTNERSHIP** <br><br> Explore opportunities to collaborate with beauty salons, spas, and wellness centers by offering personalized beauty solutions through Glamify. <br><br> Provide a B2B platform where these businesses can access a curated selection of beauty and skincare products to enhance their service offerings |
| **Category**: | Web Application, Ios App, And Android App Project. |
| **Tools Used / Required:** | **Technologies** <br><br> ➢ **Hardware & Software:** <br> ✓ **Operating System:** Windows 11 <br> ✓ **Front End:** HTML5, CSS3, BOOTSTRAP, JavaScript, jQuery <br> ✓ **Back End:** Python, Django <br> ✓ **Database:** PostgreSQL <br> ✓ Vs Code <br> ✓ Pg Admin 4 <br> ✓ Android Studio <br> ✓ Xcode <br> ✓ Visual Paradigm |
| **Developed at:** | Saubhagyam Web Pvt Ltd, Ahmedabad |

**Developed By:**

| Enrol No. | Name | Institute | Contribution |
|---|---|---|---|
| **202200719010026** | Naman Doshi | FCAIT | Back-End |

**Guided By:**

| Internal at Institute | External at company |
|---|---|
| **Name:** Prof. Kartik Joshi <br><br> **Designation:** Assistant Professor (FCAIT) GLS University | **Name:** Mr. Prashant Shastri <br><br> **Designation:** Python Team Leader <br><br> Project Leader at Saubhagyam Web Pvt. Ltd. |

# ACKNOWLEDGEMENT

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We are immensely grateful to **Prof. Kartik Joshi** for hi invaluable guidance, mentorship, and unwavering support throughout this project. His expertise, encouragement, and insights have been instrumental in shaping our understanding and approach.

We are grateful to **Saubhagyam Web Pvt. Ltd.**, for entrusting us with this project and providing invaluable assistance at every step. Their cooperation, resources, and continuous support were instrumental in overcoming various challenges and achieving our goals.

Special thanks to **Mr. Prashant Shastri** at Saubhagyam Web Pvt Ltd for his constant communication, feedback, and support, which greatly contributed to the project's success. His guidance and assistance in preparing presentations, reports, and documentation were invaluable.

Lastly, we express our deepest appreciation to our families and friends for their unwavering support, encouragement, and patience throughout this project. Their moral support and understanding have been valuable to us.

Thanking to all...

Submitted by: Naman Doshi

Email: namandoshi459@gmail.com

# INTRODUCTION OF COMPANY

| Company Name | Saubhagyam Web Pvt. Ltd. |
|---|---|
| Company Address | 503 - 504, Nobles Trade Center, Opp B D Rao Hall, Bhuyangdev Cross Road. Ahmedabad, Gujarat, India 380052 |
| Company Website | https://saubhagyam.com/ |
| Company Contact -Details | o Email: info@saubhagyam.com <br> o Phone: +91 7227838398 |

## About – Saubhagyam Web Pvt. Ltd.

- We have industry proven expertise in developing trendy, innovative mobile app development on various platforms like Android, iPhone-iPad, and React Native Application.

- Are you still struggling to find your website on google and other search engines or your website got penalized by Google due to a recent algorithm update then you are at the right place now? Please let us review your website, we provide the best economic white hat On-page and Off-page SEO services.

- We believe and focus on providing quality web services and are continuously striving to add real value to the business of our valued clients. Reliability, responsibility, and a sense of ownership to deliver quality web development services are our only motto!

# INDEX

# INTRODUCTION OF PROJECT

## Project Summary

- Glamify Is a State-of-the-art E-commerce Platform Designed to Revolutionize the Beauty and Wellness Shopping Experience.
- As A Comprehensive Web Application, Ios App, And Android App Project.
- Glamify Focuses on Curating a Diverse and High-quality Selection of Beauty Products.
- Glamify Offers Users a Seamless and Intuitive Interface to Explore and Purchase Skincare, Cosmetic, And Wellness Essentials.

## Project Technical Profile

| Project Title | Glamify |
|---|---|
| Description | Glamify Is a State-of-the-art E-commerce Platform Designed to Revolutionize the Beauty and Wellness Shopping Experience. |
| Project Category | Web Application, Android Application, IOS Application |
| Tools Used/ Required | **Technologies**<br><br>➢ **Hardware & Software:**<br>  ✓ **Operating System:** Windows 11<br>  ✓ **Front End:** HTML5, CSS3, BOOTSTRAP, JavaScript, jQuery<br>  ✓ **Back End:** Python, Django<br>  ✓ **Database:** PostgreSQL<br>  ✓ Vs Code<br>  ✓ Pg Admin 4<br>  ✓ Android Studio<br>  ✓ Xcode<br>  ✓ Visual Paradigm |

# TIME-LINE CHART

| MONTH | Jan | | | | Feb | | | | Mar | | | | Apr | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **WEEK** | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 |
| **Started learning** | | | | | | | | | | | | | | |
| Python | █ | █ | | | | | | | | | | | | |
| Git & GitHub | | | █ | | | | | | | | | | | |
| SQL | | | █ | █ | | | | | | | | | | |
| Django | | | | | █ | █ | | | | | | | | |
| Travel-management-system (Test - Project) | | | | | | █ | █ | █ | | | | | | |
| Django-rest-framework | | | | | | | | █ | █ | | | | | |
| **Started Project** | | | | | | | | | | | | | | |
| Requirement Analysis | | | | | | | | | | █ | | | | |
| Database design | | | | | | | | | | █ | | | | |
| Started Backend side | | | | | | | | | | | █ | █ | █ | █ |
| Documentation | | | | | | | | | | | | | | █ |

# NEED OF THE SYSTEM

**Efficient stock management:** The system allows the admin to manage stock effectively by tracking inventory levels, ensuring that popular products are always in stock, and minimizing overstocking or stockouts.

**Streamlined product and category management:** Admin can organize products into categories, making it easier for customers to find what they're looking for. This improves the overall user experience and increases customer satisfaction.

**Automated package management:** The system automates the management of packages, including creating, updating, and tracking packages, reducing manual effort and potential errors.

**CHALLENGES FACED BY BUSINESSES**

**Inventory management challenges:** Businesses often struggle with managing inventory effectively, leading to overstocking, stockouts, and inventory inaccuracies.

**Product and category organization:** Without proper organization, it can be difficult for customers to find products they're interested in, leading to frustration and lost sales.

**Manual package management:** Manually managing packages can be time-consuming and prone to errors, resulting in delayed shipments and dissatisfied customers.

**BENEFITS**

**Improved efficiency:** The system automates various processes, such as inventory management, order processing, and payment management, saving time and reducing manual effort.

**Enhanced customer experience:** By streamlining product search, offering discounts and offers, and providing convenient payment options, the system enhances the overall shopping experience for customers.

**Increased sales:** Effective management of discounts, offers, and packages attracts more customers and encourages repeat purchases, leading to increased sales and revenue.
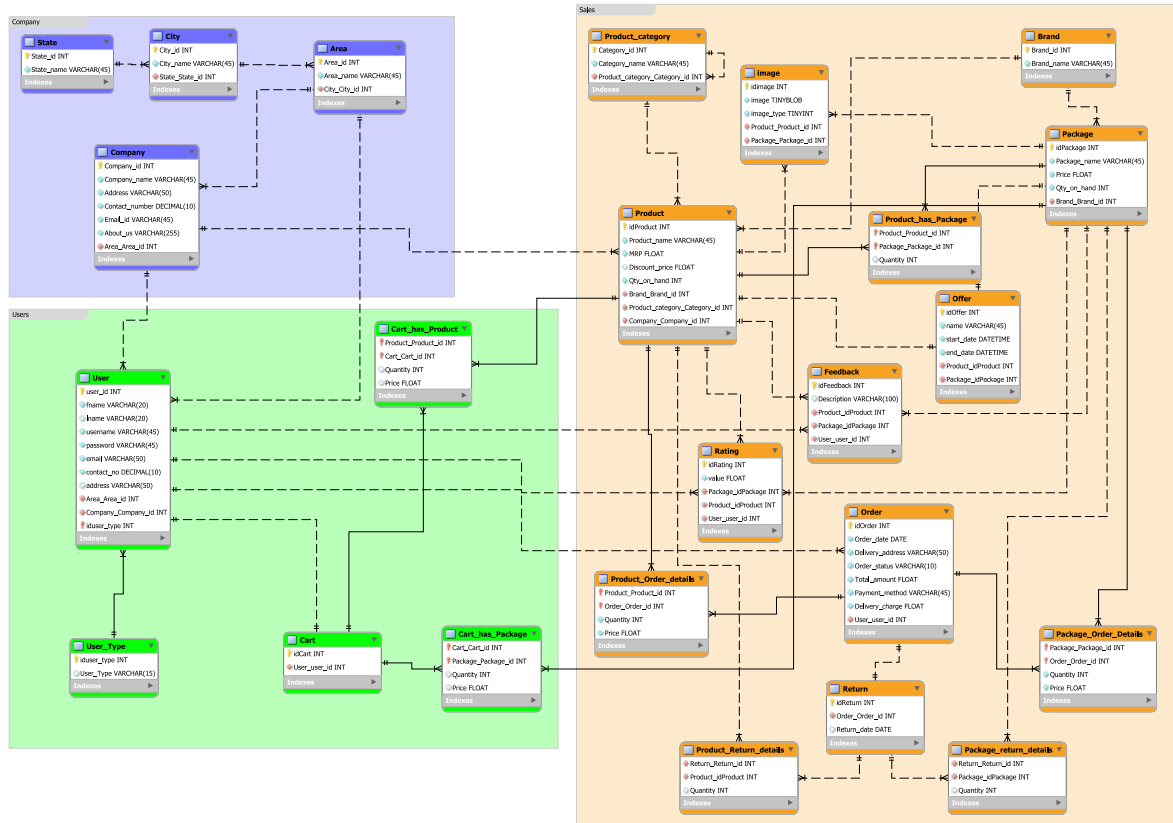
# SYSTEM REQIREMENTS AND SPECIFICATIONS

## ADMIN

- ➤ Login
- ➤ Manage stock
- ➤ Manage product & categories
- ➤ Manage packages
- ➤ Manage discounts & offers
- ➤ Manage orders
- ➤ Manage payment
- ➤ Manage cancel order
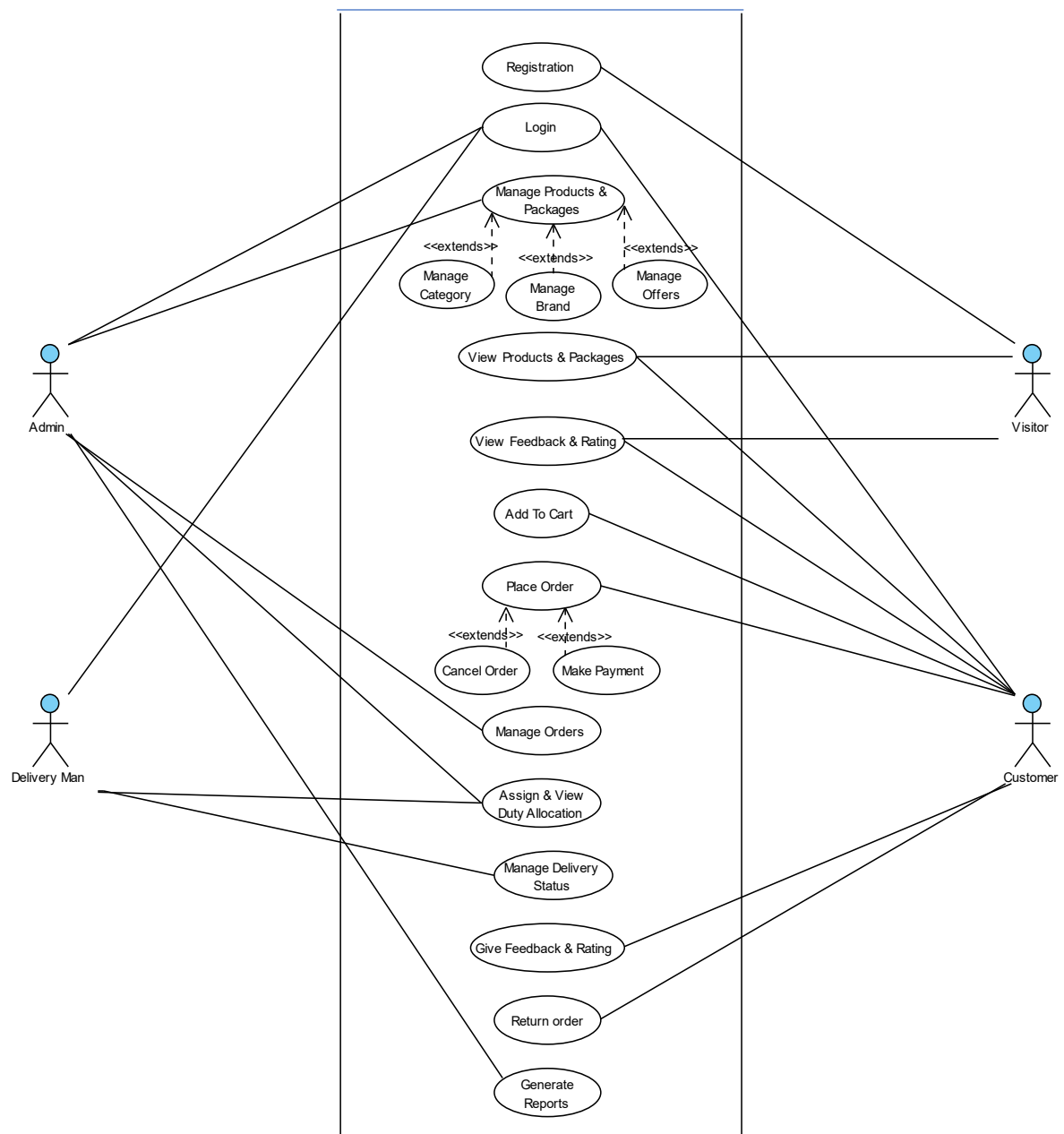- ➤ Manage sales return
- ➤ Manage feedback & rating

## Customer

- ➤ Registration
- ➤ Login
- ➤ Manage profile
- ➤ Search & View product & Package
- ➤ View Offers & Discount
- ➤ Add to cart
- ➤ Place order
- ➤ Make payment
- ➤ Cancel order
- ➤ Get Invoice
- ➤ View & Give feedback and rating

# ENTITY RELATIONSHIP DIAGRAM

# USE CASE DIAGRAM

Registration

Login

Manage Products & Packages

<<extends>> Manage Category

<<extends>> Manage Brand

<<extends>> Manage Offers

View Products & Packages

View Feedback & Rating

Add To Cart

Place Order

<<extends>> Cancel Order

<<extends>> Make Payment

Manage Orders

Assign & View Duty Allocation

Manage Delivery Status

Give Feedback & Rating

Return order

Generate Reports

Admin

Visitor

Delivery Man

Customer

# ACTIVITY DIAGRAM



| Customer | System | Admin | Delivery Boy |
|----------|--------|-------|--------------|
| Search & View Product and Package | | | |
| View Offer | | | |
| [Yes] | | | |
| Apply Offer | | | |
| [No] | | | |
| Add to cart | | | |
| [orderAmount>99] [No] | | | |
| [Yes] | | | |
| Place Order → | Receive Order → | Assign Duty → | Get Notified |
| Make Payment → | Receive Payment | | |
| Receive Invoice ← | Generate Invoice | | |
| Give Feedback and Rating | | | |

# STATE CHART DIAGRAM

# SEQUENCE DIAGRAM

## Registration
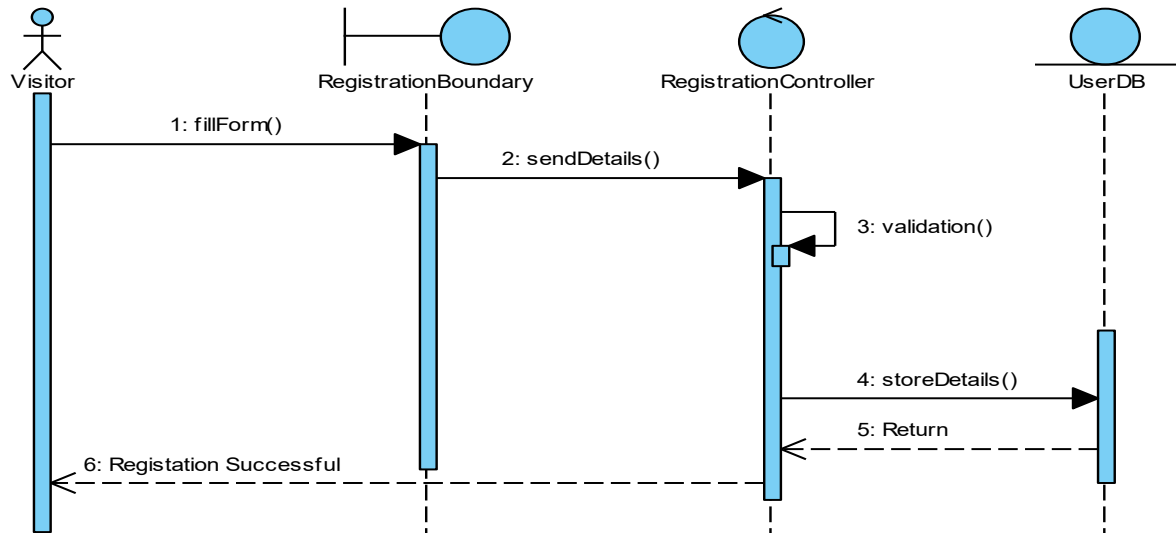


## Login
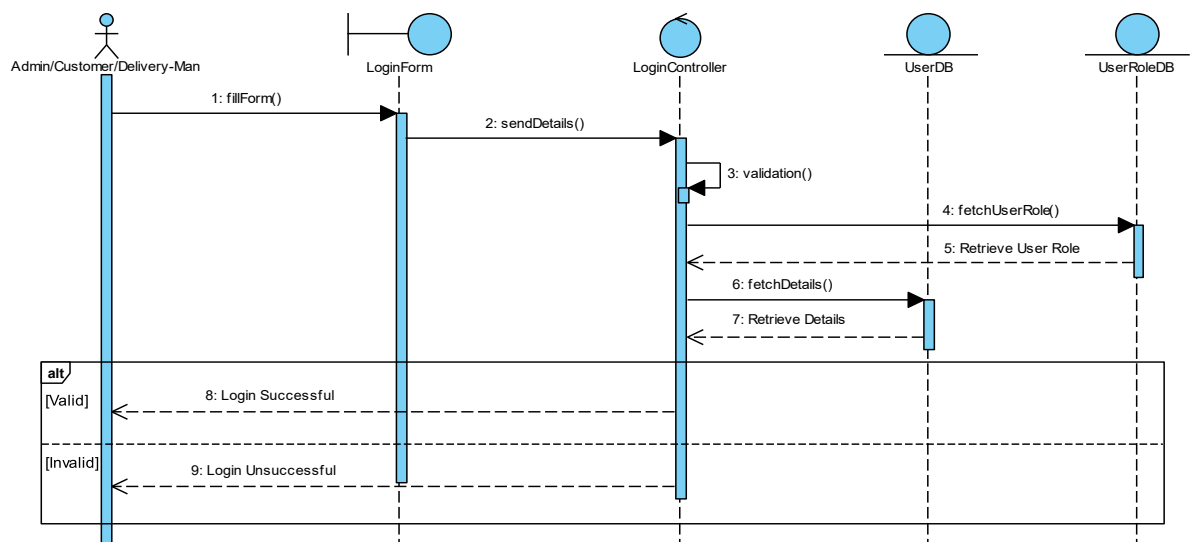
# Manage Product
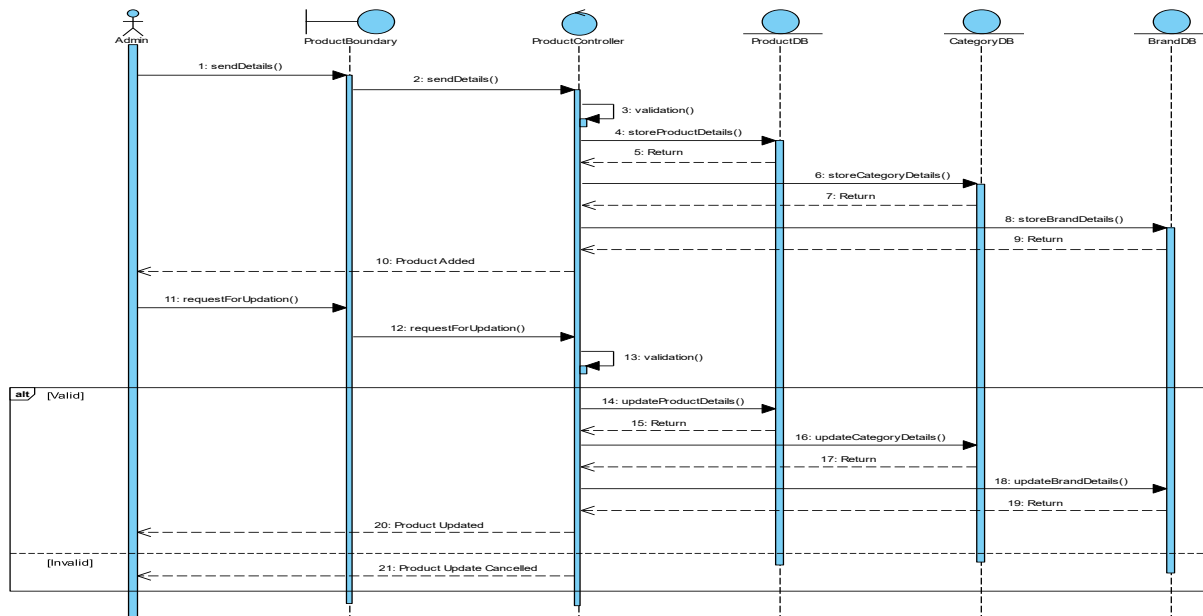


# View Items
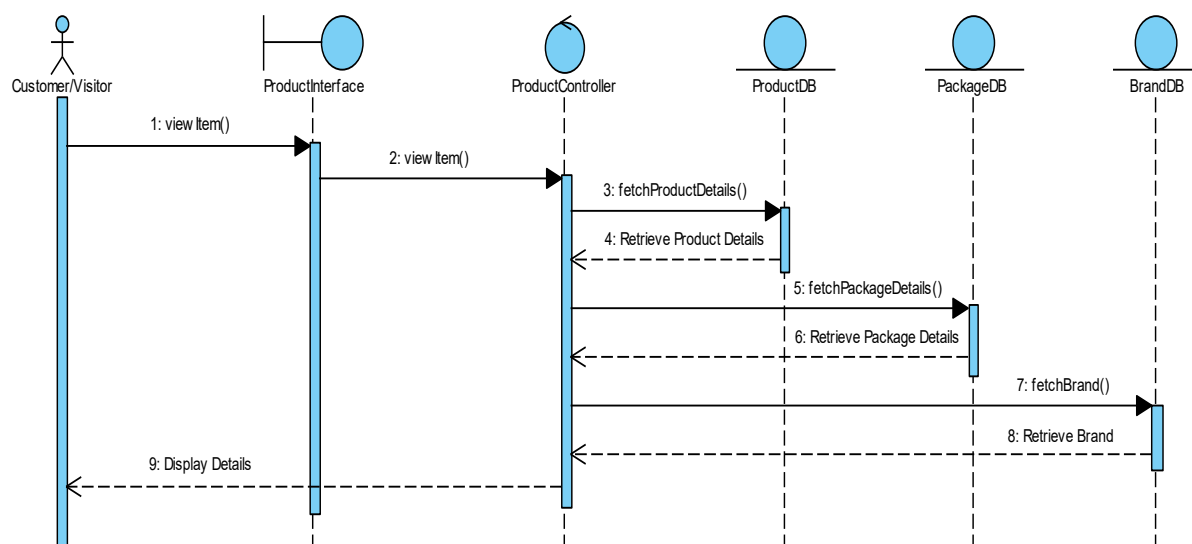
# Add to Cart
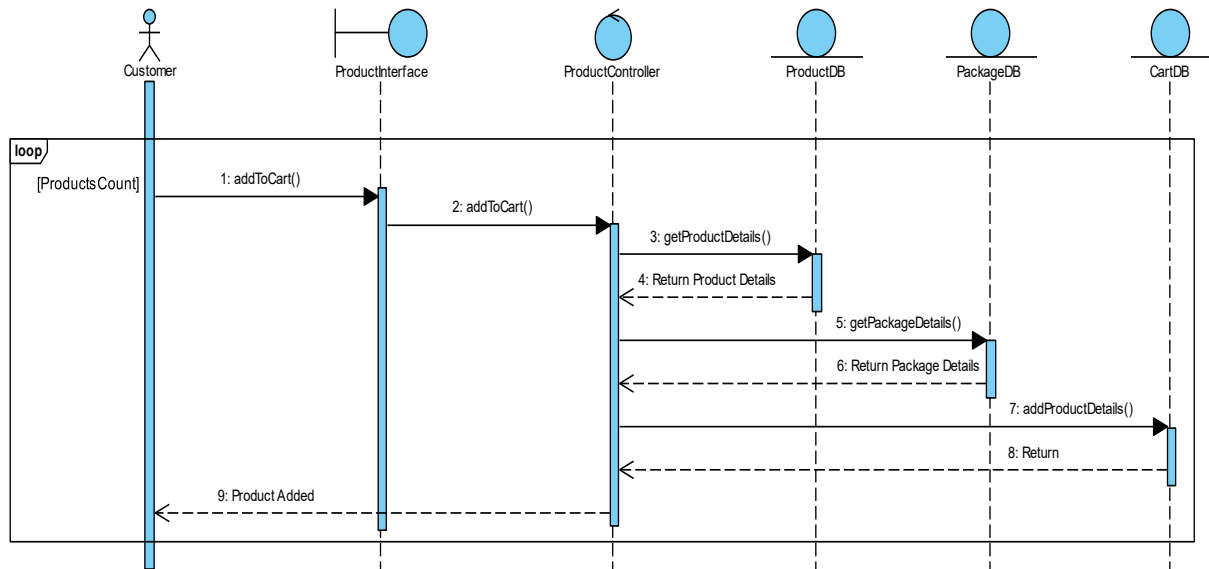


# Place Order
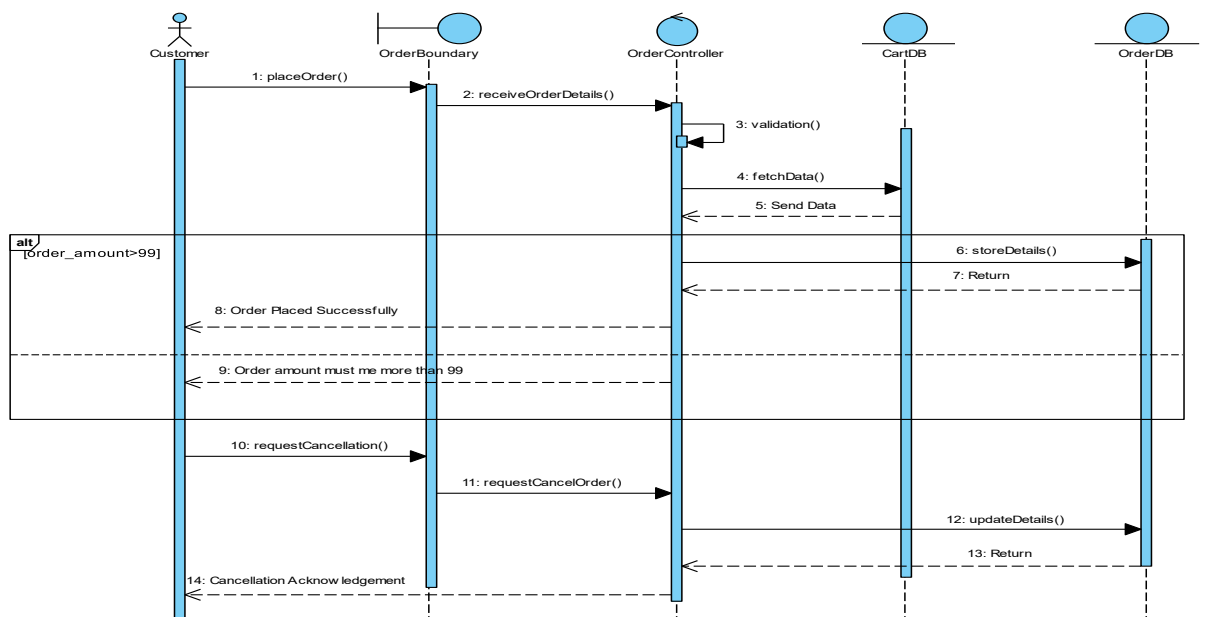
# DATA DICTIONERY

## User Table

| Field Name | Data Type | Constraints | Description |
|---|---|---|---|
| user_id | INT | Primary key | Id of user |
| fname | VARCHAR (20) | Not Null | First name of user |
| lname | VARCHAR (20) | | Last name of user |
| username | VARCHAR (45) | Not Null | Username of user |
| password | VARCHAR (45) | Not Null | Password of user |
| email | VARCHAR (45) | Not Null | Email of user |
| contact_no | DECIMAL (10) | Not Null | Contact no |
| address | VARCHAR (45) | | Address of user |
| Area_Area_id | INT | Foreign key | Id of area |
| Cart_Cart_id | INT | Foreign key | Id of cart |
| Company_Company_id | INT | Foreign key | Id of company |
| Iduser_type | INT | Foreign key | Id of user type |

## Product Table

| Field Name | Data Type | Constraints | Description |
|---|---|---|---|
| idProduct | INT | Primary key | Id of product |
| Product_name | VARCHAR (45) | Not Null | Name of product |
| MRP | FLOAT | Not Null | MRP of product |
| Discount_price | FLOAT | | Discount price |
| Qty_on_hand | INT | Not Null | Quantity on hand |
| Brand_Brand_id | INT | Foreign key | Id of brand |
| Product_category_Category_id | INT | Foreign key | Category of product |
| Company_Company_id | INT | Foreign key | Id of company |

## Order Table

| Field Name | Data Type | Constraints | Description |
|---|---|---|---|
| idProduct | INT | Primary key | Id of product |
| Product_name | VARCHAR (45) | Not Null | Name of product |
| MRP | FLOAT | Not Null | MRP of product |
| Discount_price | FLOAT | | Discount price |
| Qty_on_hand | INT | Not Null | Quantity on hand |
| Brand_Brand_id | INT | Foreign key | Id of brand |
| Product_category_Category_id | INT | Foreign key | Category of product |
| Company_Company_id | INT | Foreign key | Id of company |

## Product Category

| Field Name | Data Type | Constraints | Description |
|---|---|---|---|
| idProduct | INT | Primary key | Id of product |
| Product_name | VARCHAR (45) | Not Null | Name of product |
| MRP | FLOAT | Not Null | MRP of product |
| Discount_price | FLOAT | - | Discount price |
| Qty_on_hand | INT | Not Null | Quantity on hand |
| Brand_Brand_id | INT | Foreign key | Id of brand |
| Product_category_Category_id | INT | Foreign key | Category of product |
| Company_Company_id | INT | Foreign key | Id of company |

# UI SCREENSHOTS

Registration Page

‹

**glamify**

# Create your Account

Name*

testing6

Email*

test6@gmail.com

Password*

••••••    👁̸

Mobile Number*

1234567891

**Sign Up**

**Login Page**

# glamify

## Sign In to your Account

Email*

test6@gmail.com

Password*

••••••  👁

☑ By login, you are agree to Glamify
Terms & Conditions and Privacy Policy

**Sign In**

Forgot Password?

Don't have an account? Sign Up

# Home Page View

## Product View

glamify
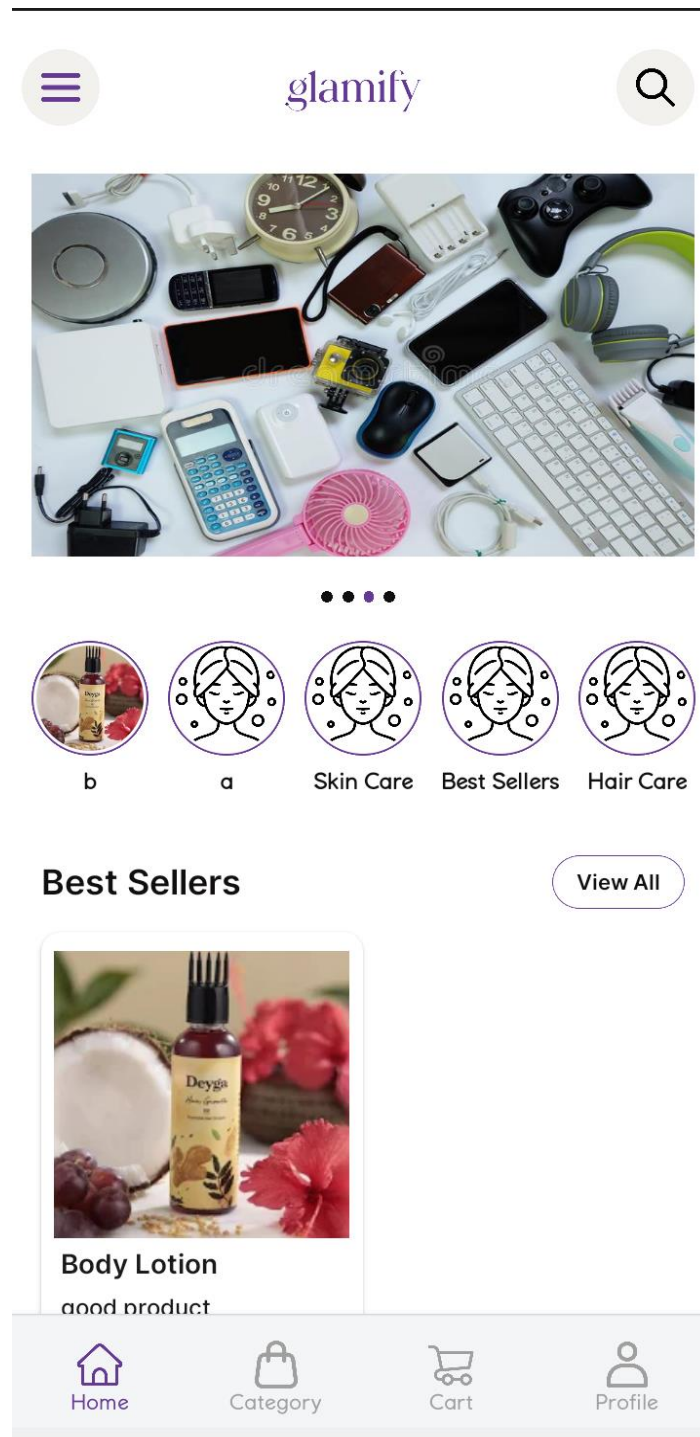
**Best Sellers**  View All



**Body Lotion**
good product
⭐
₹150.00

Add



**Vitamin C Facewash**
good product
⭐
₹160.00

Add

**Hair Care**  View All



**Dove Conditioner**
good product

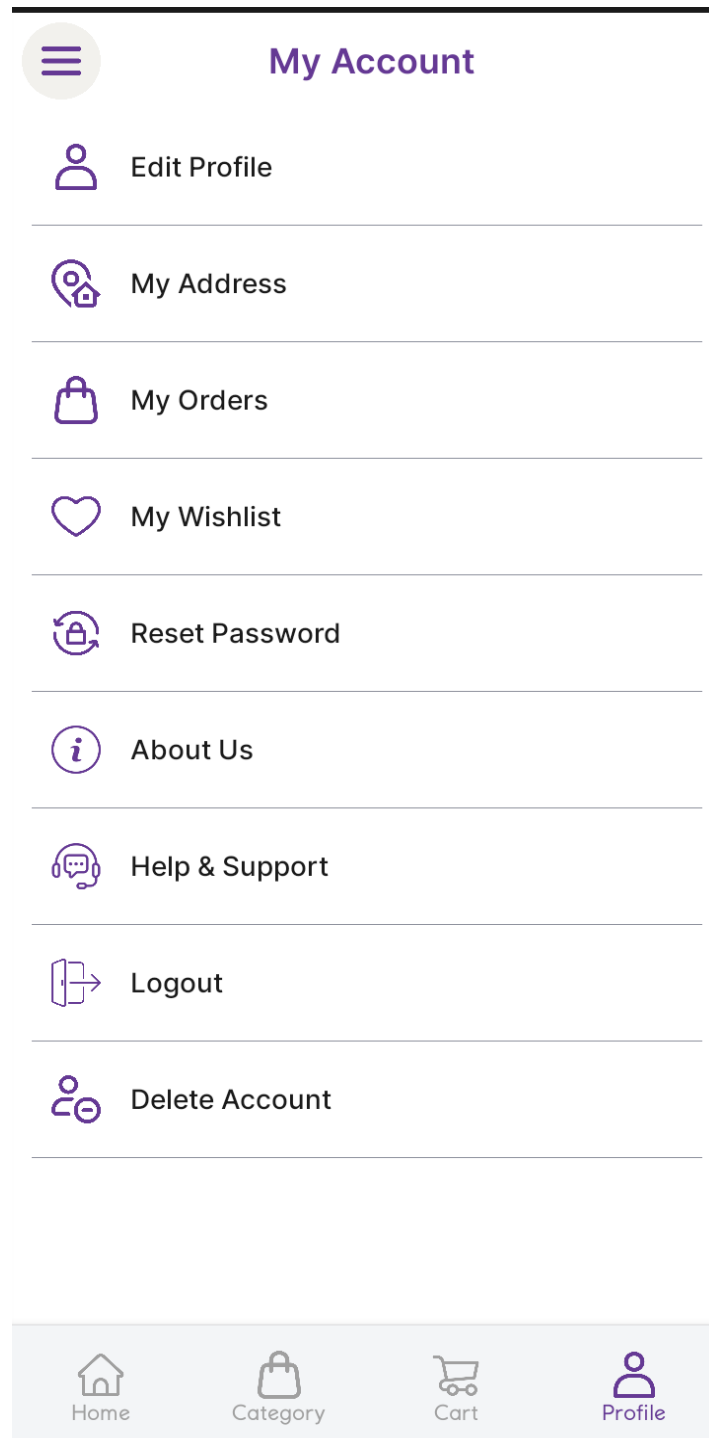

**Clinic Plus Shampoo**
good product

Home  Category  Cart  Profile

# Features For User

My Account

Edit Profile

My Address

My Orders

My Wishlist

Reset Password

About Us

Help & Support

Logout

Delete Account

Home    Category    Cart    Profile

# User Wishlist

# MIS Report

MIS Report for Glamify:

## ❖ Key Features of the Platform

- ➢ **Customizable Reporting Templates:** The platform should allow users to create customizable reporting templates tailored to their specific needs and requirements. Users should be able to define the data fields, layout, and formatting options for their reports.

- ➢ **Data Integration:** The platform should support integration with various data sources and systems within the organization, including databases, ERP (Enterprise Resource Planning) systems, CRM (Customer Relationship Management) systems, and more. This ensures that all relevant data can be accessed and included in the reports.

- ➢ **Data Aggregation and Analysis:** The platform should have robust data aggregation and analysis capabilities to process large volumes of data and generate meaningful insights. This includes features such as filtering, sorting, grouping, and summarizing data to identify trends, patterns, and outliers.

- ➢ **Visualization Tools:** The platform should offer visualization tools such as charts, graphs, and dashboards to present data in a visually appealing and easy-to-understand format. This allows users to quickly grasp key insights and trends from the reports.

- ➢ **Scheduled Report Generation:** The platform should support scheduled report generation, allowing users to automate the process of generating and distributing reports at predefined intervals (e.g., daily, weekly, monthly). This ensures that stakeholders receive timely and relevant information without manual intervention.

- ➢ **Interactive Reporting:** The platform should enable interactive reporting, allowing users to drill down into data, apply filters, and perform ad-hoc analysis to explore data in more detail. This empowers users to derive deeper insights and make data-driven decisions.

# LEARNING AND WORK EXPERIENCE

**Learning and Work Experience:**

- Highlight your experience working with Python, SQL, PostgreSQL, Django, and Django Rest Framework.
- Provide details about projects you've worked on using these technologies, including your role, responsibilities, and contributions.
- Mention any certifications, courses, or workshops you've completed related to these technologies.

**Technological Proficiency**:

- Discuss your proficiency level in each technology, mentioning any advanced concepts or features you're familiar with.
- Provide examples of how you've applied these technologies to solve real-world problems or improve processes.
- Mention any additional tools, libraries, or frameworks you're proficient in that complement your primary skills.

**Software Development Practices:**

- Describe your approach to software development, including methodologies (e.g., Agile, Scrum) and best practices you follow.
- Highlight any experience with version control systems (e.g., Git), code review processes, and testing methodologies (e.g., unit testing, integration testing).
- Discuss your experience with code documentation, debugging, and troubleshooting techniques.

**Problem-Solving Skills:**

- Provide examples of challenging problems or projects you've tackled and how you approached them.
- Discuss your ability to analyse complex problems, break them down into smaller tasks, and develop effective solutions.
- Highlight instances where you've demonstrated creativity, critical thinking, and resourcefulness in solving technical challenges.

**Collaboration and Communication:**

- Talk about your experience working in teams, including your role, communication style, and contributions to team projects.
- Highlight instances where you've effectively collaborated with colleagues, stakeholders, or clients to achieve project goals.
- Discuss your ability to communicate technical concepts to non-technical stakeholders in a clear and concise manner.

# TESTCASES

## Login

| | Test Cases | | | | | |
|---|---|---|---|---|---|---|
| **Purpose:** | Verify Functionality of Login Page | | | | | |
| **Test Cases:** | **Procedure** | **Expected Result** | **Actual Result** | **Pass/Fail** | **Remarks** | **Bug** |
| 2 | Enter Username and Password & click login button | Authenticated user will gain access to user home page | As expected, result | Pass | - | - |
| 3 | Click on Forget Password link | Forget password page should be displayed | As expected, result | Pass | - | - |
| 4 | Click on Remember Me Checkbox | User should remember | As expected, result | Pass | - | - |
| 5 | Click on signup page | User should be redirected to signup page | As expected, result | Pass | - | - |
| 6 | Click on Facebook icon | User should be login with Facebook id | As expected, result | Pass | - | - |
| 7 | Click on google icon | User should be login with google id | As expected, result | Pass | - | - |

# Registration

| Test Cases | | | | | | |
|---|---|---|---|---|---|---|
| **Purpose:** | Verify Functionality of Registration Page | | | | | |
| **Test Cases:** | **Procedure** | **Expected Result** | **Actual Result** | **Pass/Fail** | **Remarks** | **Bug** |
| 2 | Type Registration URL in Browser | Registration page should be displayed | As expected, result | Pass | - | - |
| 3 | Fill Registration Form & click on registration button | Record should be added into customer database and redirect to login page | As expected, result | Pass | - | - |
| 4 | Without Fill Registration From & click on registration button | Form Validation should be show | As expected, result | Pass | - | - |
| 5 | Click on Login URL | User should be redirected to login page | As expected, result | Pass | - | - |

## Forgot Password

| Test Cases | | | | | | |
|---|---|---|---|---|---|---|
| **Purpose:** | Verify Functionality of Forgot Password Page | | | | | |
| **Test Cases :** | **Procedure** | **Expected Result** | **Actual Result** | **Pass /Fail** | **Remarks** | **Bug** |
| 1 | Without fill email click on submit button | Validation should be displayed | As expected, result | Pass | - | - |
| 2 | Fill email field and click on submit button | Reset password link should be send via email | As expected, result | Pass | - | - |
| 3 | Fill wrong email and click on submit button | Validation should be displayed | As expected, result | Pass | - | - |

# CONCLUSION

In the ever-evolving landscape of beauty and wellness, Glamify emerges as a trailblazer, poised to redefine the shopping experience. With its state-of-the-art e-commerce platform, spanning web and mobile applications, Glamify sets out to revolutionize how individuals engage with beauty and wellness products.

At the heart of Glamify's mission lies a commitment to curating a diverse and high-quality selection of beauty essentials. From skincare to cosmetics to wellness products, Glamify offers a comprehensive array of options, carefully curated to cater to the diverse needs and preferences of its users.

However, Glamify's vision extends beyond merely offering products; it seeks to forge meaningful connections within the beauty and wellness community. By exploring opportunities for collaboration with beauty salons, spas, and wellness centres, Glamify aims to provide personalized beauty solutions tailored to the unique needs of these establishments.

Central to this endeavour is the creation of a B2B platform, where businesses can access a curated selection of beauty and skincare products to augment their service offerings. This not only enables businesses to enhance the quality of their services but also fosters a symbiotic relationship wherein Glamify serves as a catalyst for growth and innovation within the industry.

In conclusion, Glamify stands at the forefront of a new era in beauty and wellness shopping. With its commitment to quality, innovation, and community engagement, Glamify not only offers a platform for individuals to discover and indulge in their favourite products but also cultivates a space for collaboration and advancement within the industry. As Glamify continues to evolve and expand its offerings, it remains dedicated to empowering individuals and businesses alike to embrace their beauty and wellness journey with confidence and style.

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# Thank You